SMC

Installation Manual

Card Motor Controller
Controller Setting Software for LATCA
(For Windows®8.1)

LATC-Configurator

[Before using this product]

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1. Foreword

Prepare the following before using this software (LATC-Configurator).

1.1. Applicable computer

- This software can be used on a computer with a Windows® 8.1 32bit or 64bit operating system.
  (Administrator rights are required to install the software and the drivers for the communication cable and virtual COM port.)
- The computer screen resolution should be 1024 x 768 DPI or more.
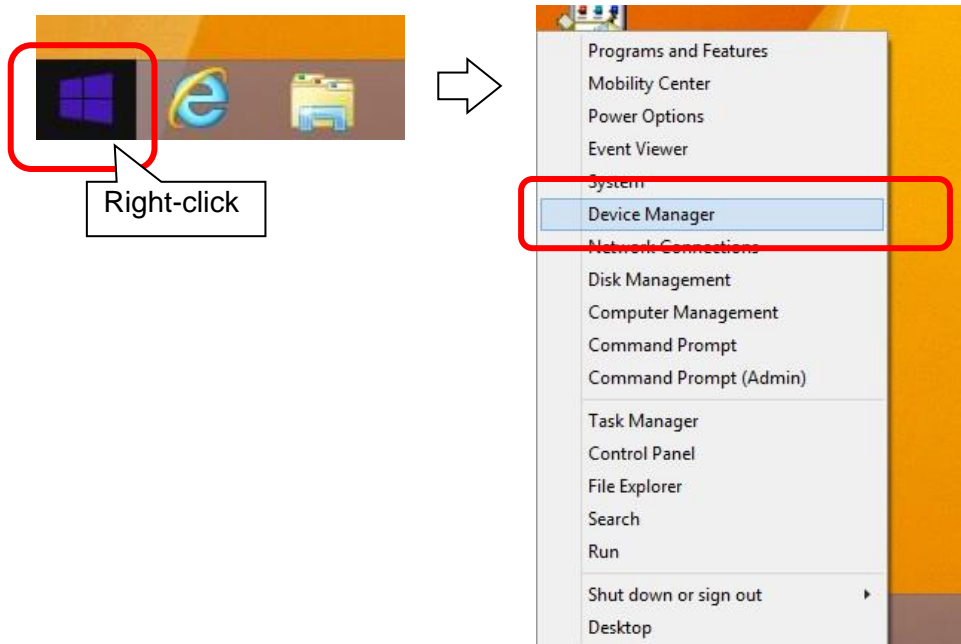
1.2. Preparation of communication cable and USB cable

Prepare the communication cable (LEC-W2A-C) and USB cable (LEC-W2-U) for connecting the Card Motor Controller to the PC.
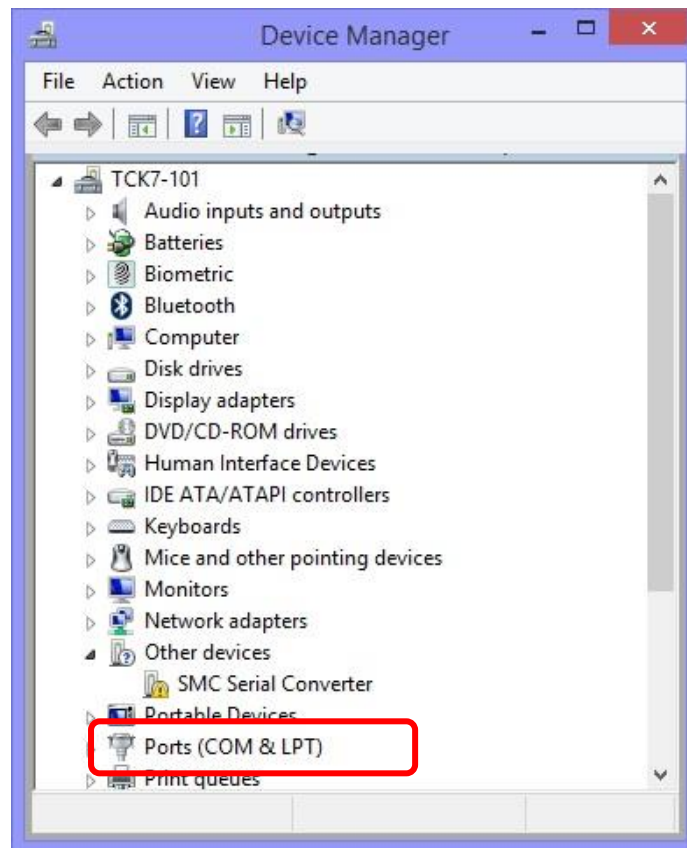
2. Installation procedures

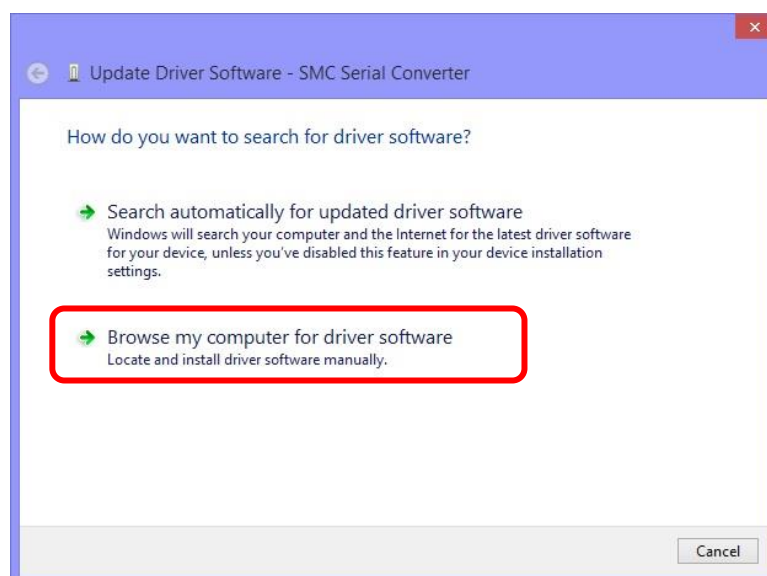## 2.1. Installation of the USB drivers for the communication cable

i. Insert the LATC-Configurator CD-ROM into the CD-ROM drive of your computer. Alternatively, after downloading the USB driver from our website, create a folder on the PC to unzip the USB driver.

ii. Connect the communication cable LEC-W2A-C to the USB port of the PC using the USB cable (LEC-W2-U).

iii. A message may be displayed in the bottom right corner of the computer display. Please wait until the message disappears. If no message is displayed, proceed to the next step.

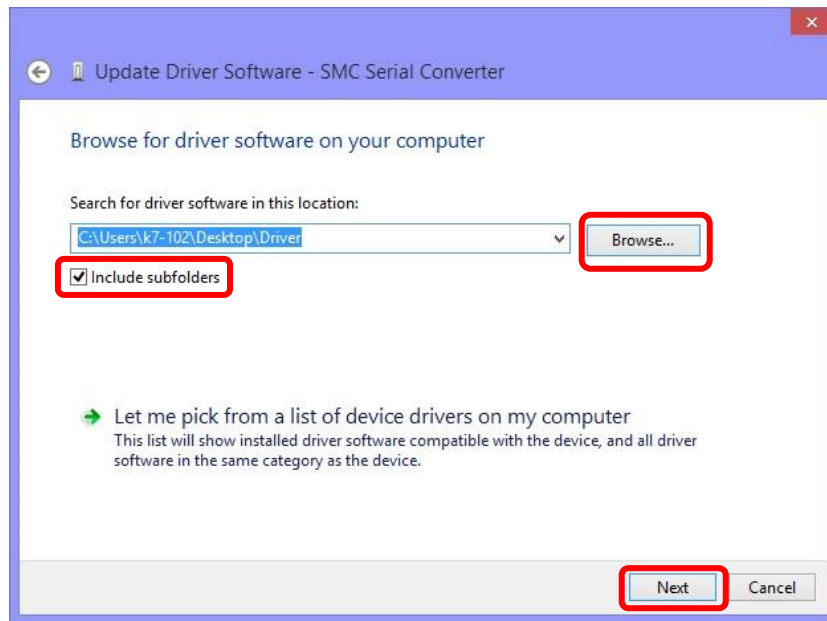iv. Right-click the Start menu, and select the "Device Manager".

v. "SMC Serial Converter" has been added to the "Other device".
Right-click the "SMC Serial Converter", and select the "Update Driver Software".
* The "Update Driver Software" may not be displayed when the automatic retrieval processing is executed. Please try again after waiting a few minutes.
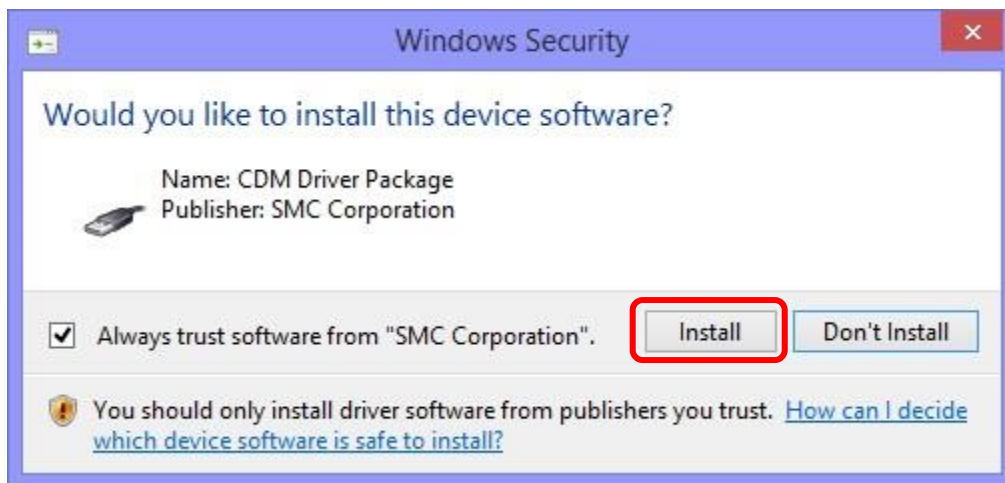

vi. Click the "Browse my computer for driver software".

vii. Click the "Browse", and select the folder where the USB driver was stored.
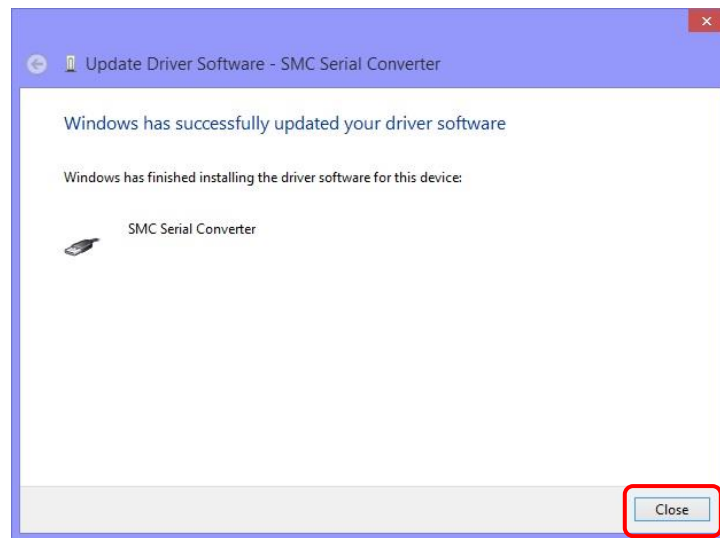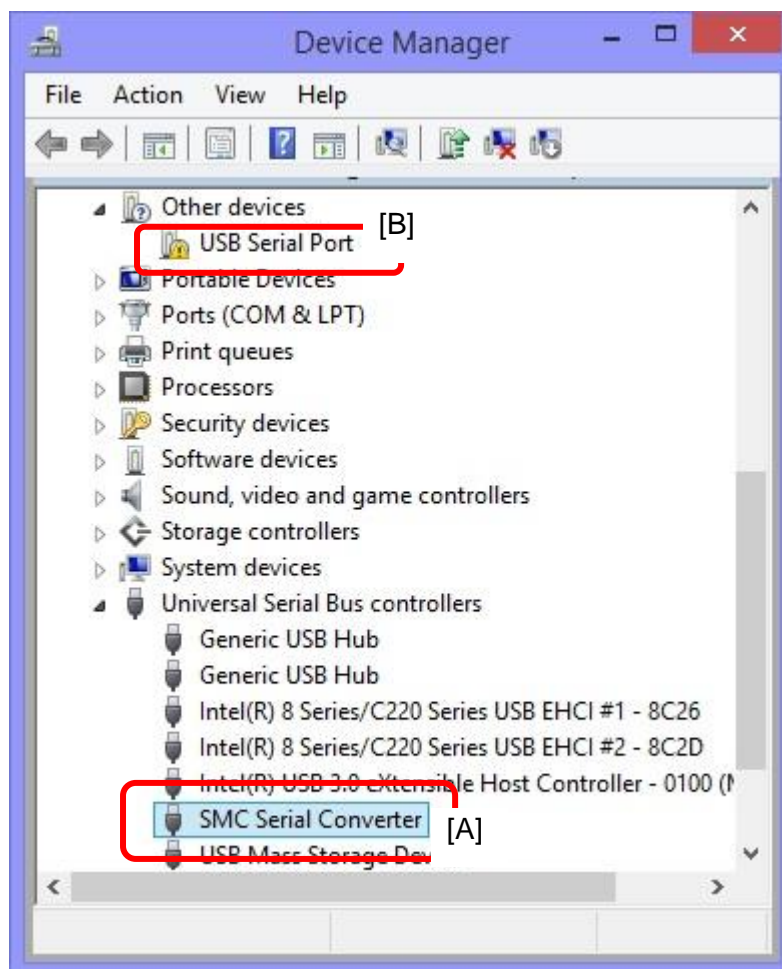Check the "Include subfolders".

Click the "Next".

viii. The following confirmation screen is displayed. Select the "Install".
(This screen may not be displayed if the SMC USB driver was already installed on the PC.)

ix. The following display appears when installation is completed. Click the "Close".
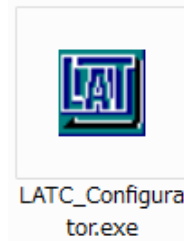

x. Display the "Device Manager" again.
Confirm that the "SMC Serial Converter" (Part A in the lower figure) was added to the "Universal Serial Bus controllers".
Then, right-click the "USB Serial Port" (Part B in the lower figure) in the "Other devices", and select the "Update Driver Software". Install it again following the same procedure from (iv) to (x).

2.2. Installation of the software

Copy the controller setting software "**LATC_Configurator.exe"** on the CD-ROM or downloaded from our website to your PC or desktop computer.
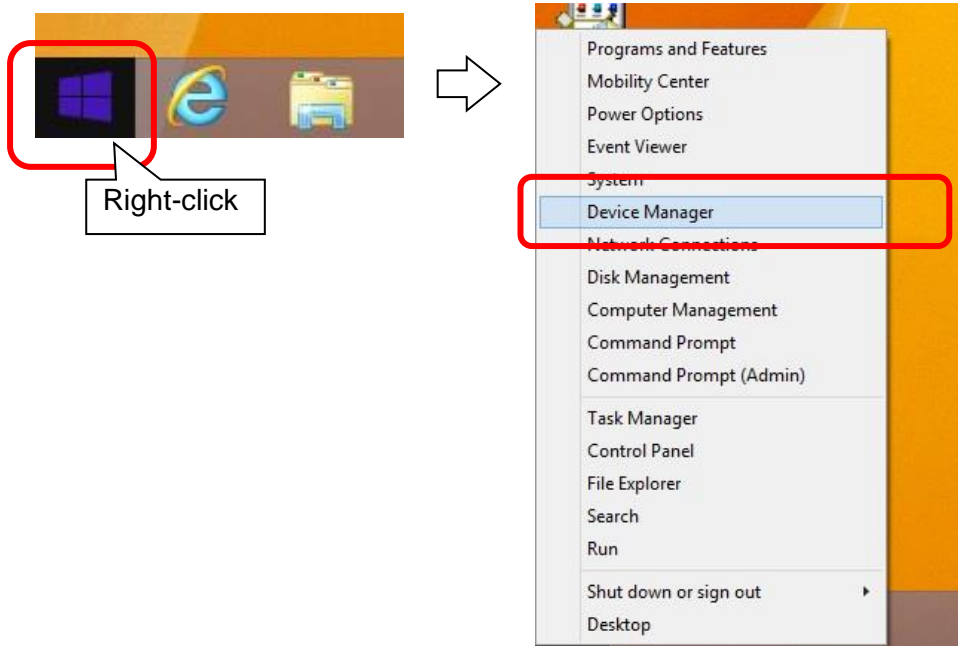
Double-click the copied file to start the software.

LATC_Configura
tor.exe

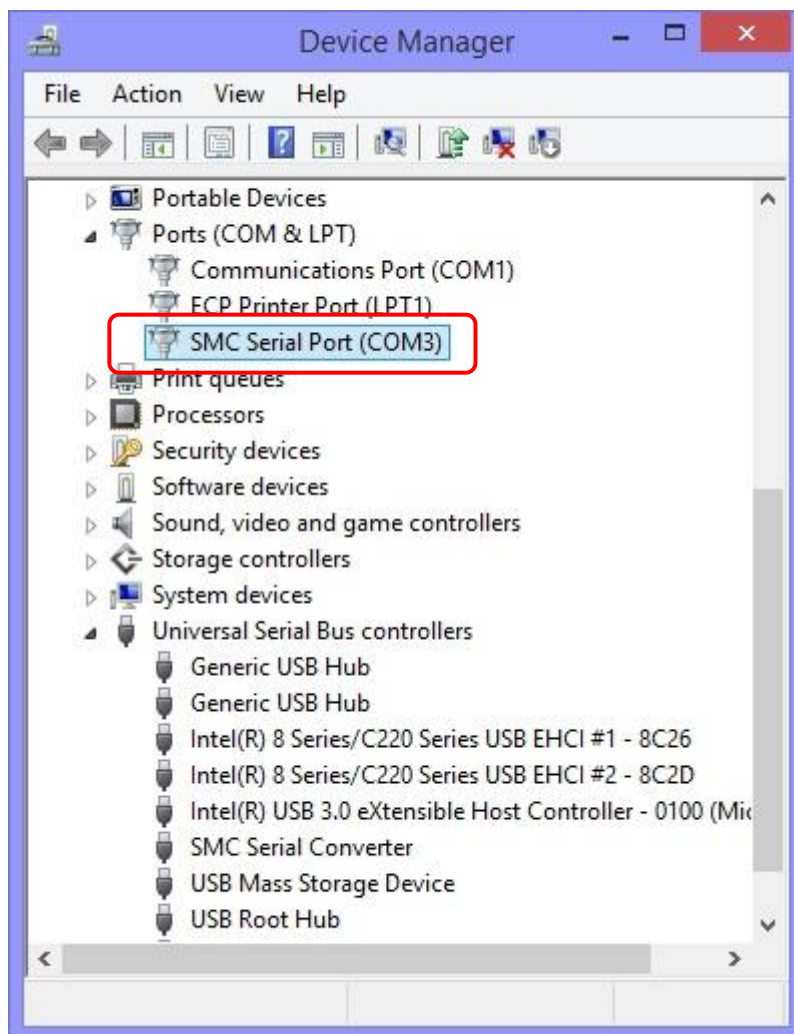| Caution |
| --- |
| Read chapter "3. Check of the Communication Port" before starting the software. |

3. Check of the Communication Port

When starting the LATC-Configurator software it is required to set the communication port number (COM no.) that has been assigned to the communication cable.
Check the communication port number using the Windows "Device Manager" as follows.

  i. Connect the communication cable LEC-W2A-C to the USB port of the PC using the USB cable (LEC-W2-U).

  ii. Right-click the Start menu, and select "Device Manager".

iii. The COM No. is shown next to the "SMC Serial Port" in the "Ports (COM&LPT)".
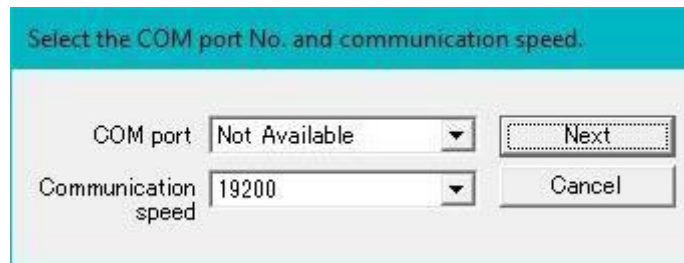(In the case of the lower figure, the COM No. is "3".)

Caution

The COM No. will change depending on the USB port where the communication cable is currently connected to. Please check it after connecting the communication unit.

4. Starting the software

When the "LATC-Configurator.exe" icon is double-clicked, the dialog box shown below will appear. Set the COM port number as confirmed according to the instructions in chapter "3. Check of the Communication Port".

Select the COM port No. and communication speed.

COM port COM7
Communication speed 19200
Next
Cancel

∗ If "COM port Not Available" is displayed and/or the number of COM port to which a controller setting cable is connected is not displayed as shown above, the controller setting cable is not recognised. Confirm that the wiring and two drivers are properly installed (Refer to "3. Check of the Communication Port ").

Select the COM port No. and communication speed.

COM port Not Available
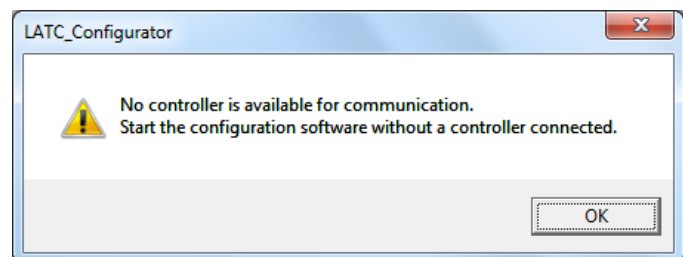Communication speed 19200
Next
Cancel

5. Communication with the controller

The connected controller is automatically detected when starting this software. However, if the communication settings, such as COM port number, are incorrect, communication cannot be established. Confirm the following before starting the communication.
– That power is supplied to the connected controller.
– That the controller and the computer are connected to each other via the communication cable.

∗ If the dialog box shown, the controller has not been detected.
Check the communication port setting, wiring, power supply to the controller and any other matter that may affect the communication with the controller.

LATC_Configurator

⚠ No controller is available for communication.
Start the configuration software without a controller connected.

OK

6. Functions of each function

Refer to the controller operation manuals for details of the controller and software functions.

Caution
Do not connect or disconnect the controller setting cable whilst the LATC-Configurator application is running. Disconnecting the cable during communication may cause a software corruption.

<u>Doc No. LA∗-OMT0040-B</u>

Revision history
A: Revised in November 2019
B: Revised in June 2020

The latest Operation Manual can be downloaded from the SMC's website shown below.
Refer to SMC website for version update information.

https://www.smcworld.com/

SMC Corporation

4-14-1, Sotokanda, Chiyoda-ku, Tokyo 101-0021 JAPAN
Tel: + 81 3 5207 8249 Fax: +81 3 5298 5362
URL: https://www.smcworld.com