

Digital DRIVE for Brushless motors SMD Series

USB Driver Installation guide

Read manual before installing and follow
all instructions with this icon:



USB Driver Installation Guide

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Revision	Edited by	Date	Modification

OVERVIEW

Please read this installation guide before installing the USB driver.

This installation guide describes how to install the USB driver for SMD device.

NOTE:

The descriptions in this guide are based on Windows 7.

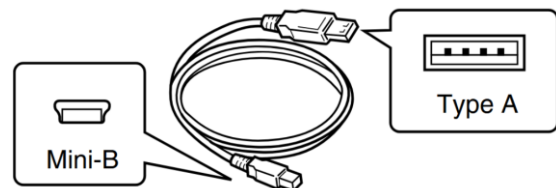
System requirements

PC

- Microsoft® Windows® 10 (32/64 bit),
Microsoft® Windows® 8 (32/64 bit),
Microsoft® Windows® 7 (32/64 bit),
- A USB 1.1, 2.0 port

Cable

- A USB Cable



- Depending on the length of a 3rd party USB cable, the transceiver may not operate properly even if it is recognized by the PC. Use as short a cable as possible.

USB driver files

The latest version of the USB driver is copied at the same time that DriveStudio software is installed. The Driver files are located on the disk under: C:\SERAD\USB Windows Driver

Precautions

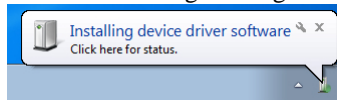
- The USB driver is not supported by the automatic recognition system.
- When installing the driver, log on as the windows administrator.
- Make sure no other applications are running

DRIVER INSTALLATION

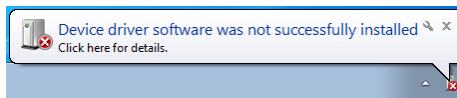
- When a SMD device is connected to a Windows 7 PC or later for the very first time, Windows will report that it failed to find a USB driver. Follow the steps below to manually install the SMD USB driver using the Windows 7 or later Device Manager.

Step 1

- Install the SERAD Drive Studio software. The software is available on the SERAD website: <http://serad.fr>
- Switch on the SMD device (lower voltage 24Vdc part only).
- Connect the SMD device to PC with the USB cable.
- The Taskbar Notification Area will show this message during the driver searching.

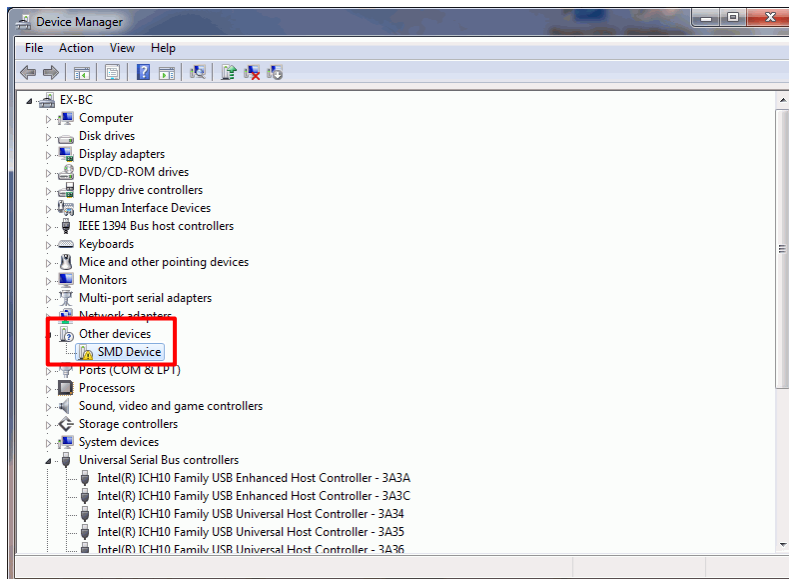


- The SMD device USB driver is not automatically recognize by system and this message will shown in taskbar notification area



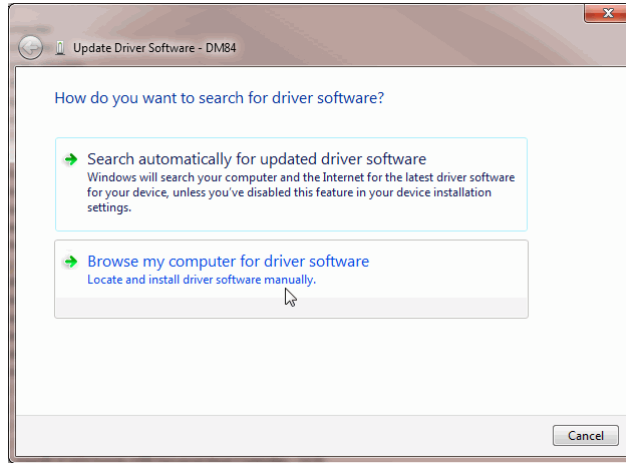
Step 2

- Click the Windows « START » icon.
- Click [Control Panel] in the <Start> menu.
- Select <System and Security> and then open the [Device Manager]:



- If the SMD device is detected it will be listed under "Other devices".
- Right-click on the [SMD device] and select [Update Driver Software...] from the context pop-up menu:
- The **Update Driver Software** wizard will open.

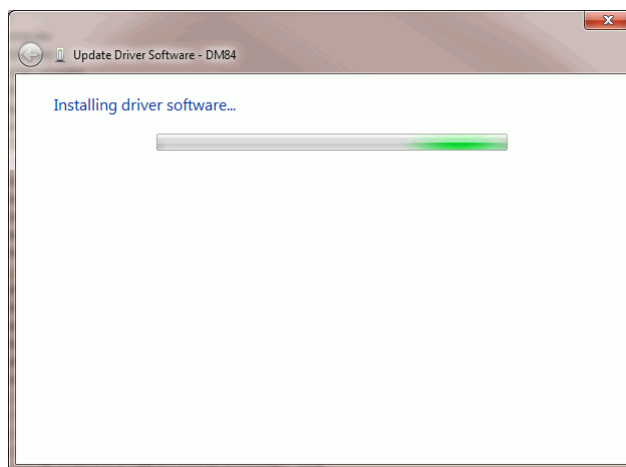
Step 3



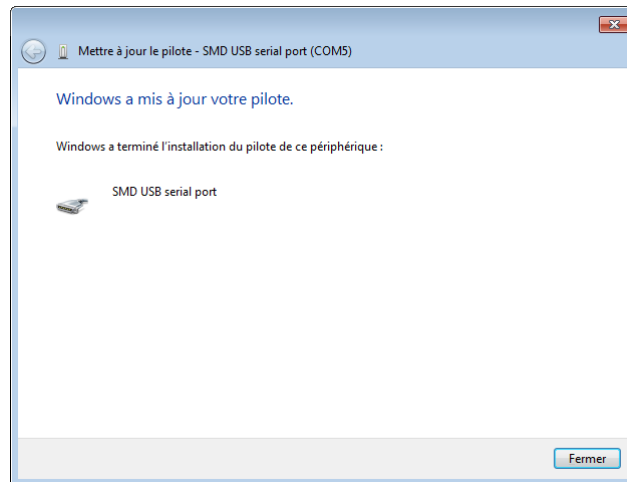
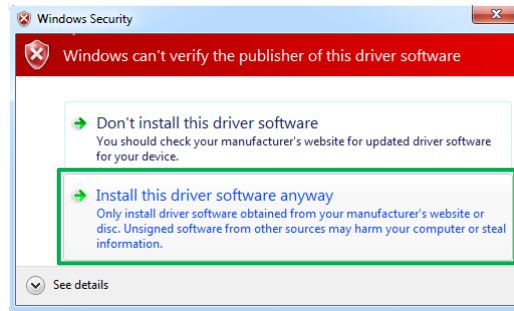
- Click **Browse my computer for driver software** to continue.



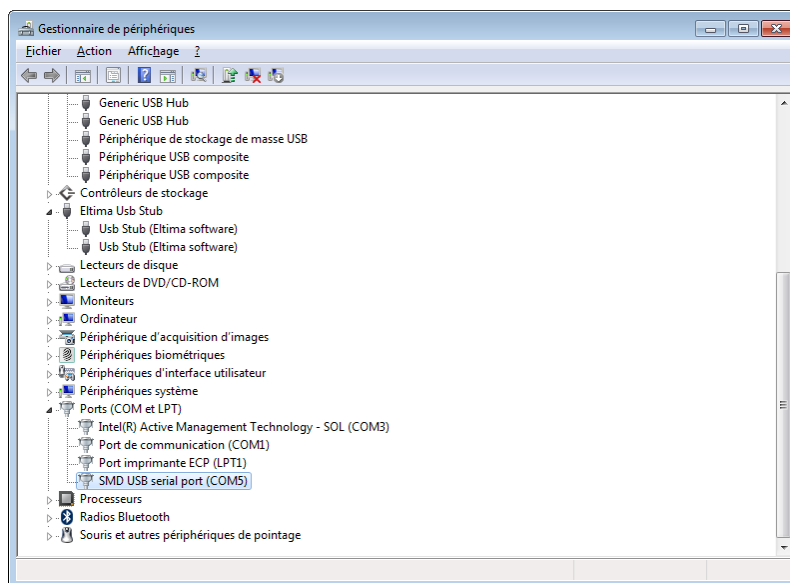
- Click the [Browse...] button and select the directory contain the SMD installation files in :
C:\SERAD\SMD USB Driver
- Check Include subfolders, then click [Next] to proceed.
- Windows will search the installation disk for the driver and when it has found it, the installation will proceed:



- Click [**Install this driver software anyway**] to continue



- At the end click **Close**.
- It is now possible to connect to the SMD device. The newly installed device will be listed under "SMD USB serial port (COM*)" in the Device manager:
- The COM port number is displayed instead of *.
- Depending on the PC environment, the COM port number may differ.

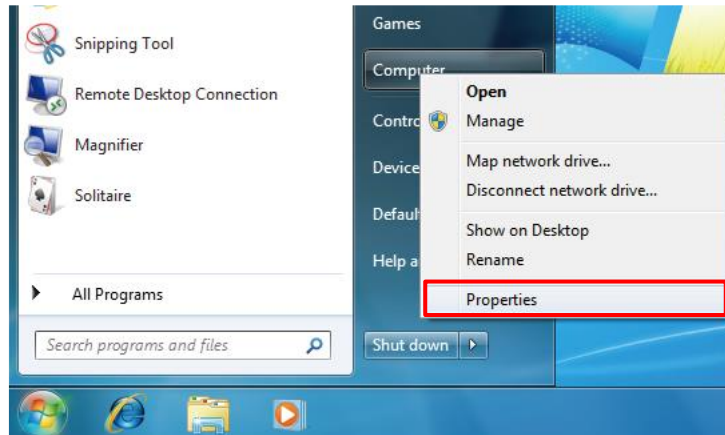


PREFERENCES

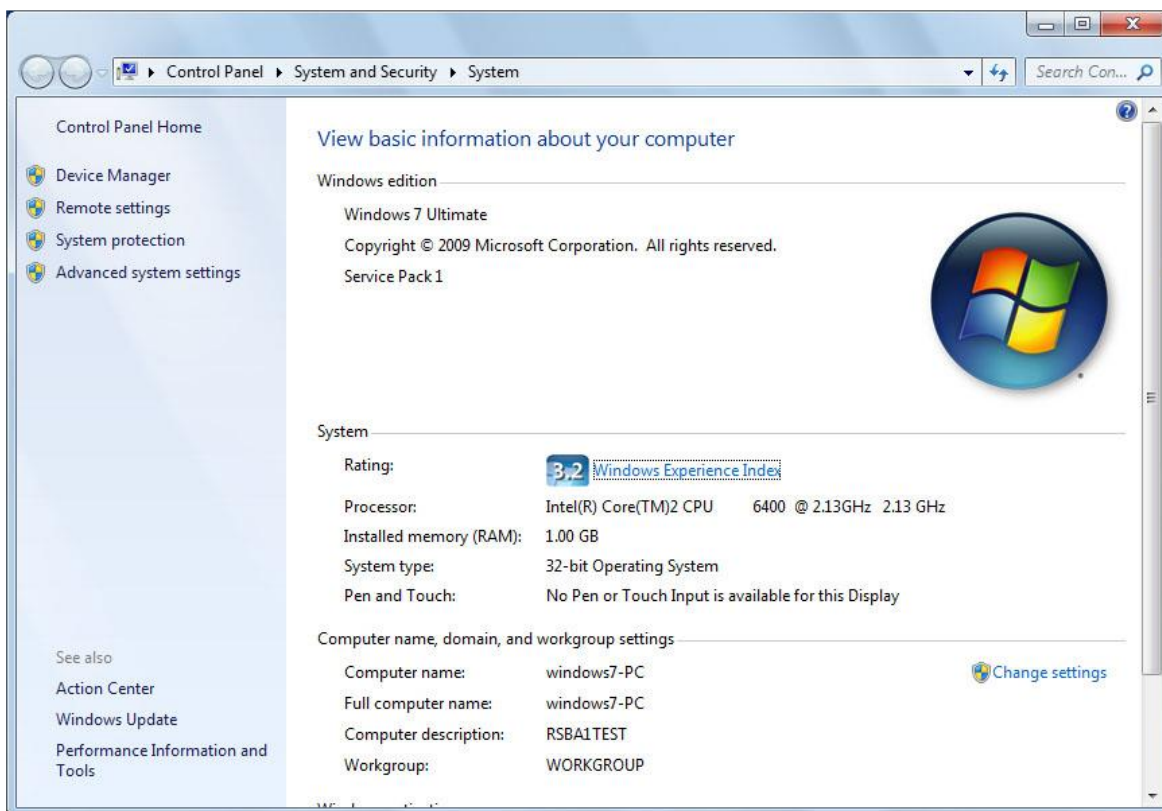
- After the PC and SMD are connected, you can control the SMD with the SERAD DriveStudio software.

COM Port setting

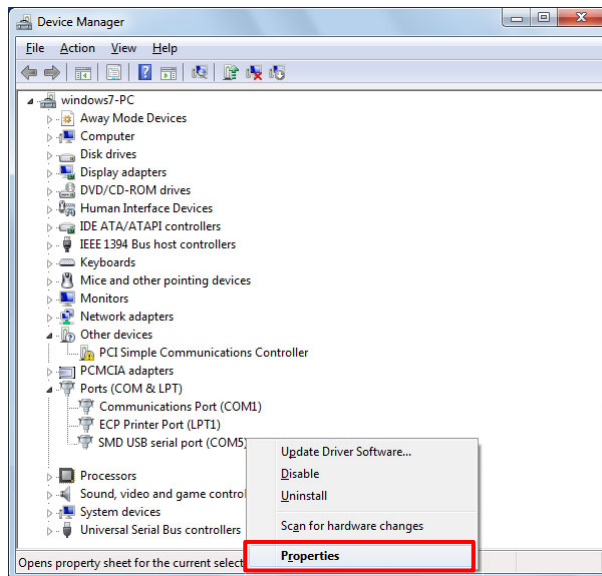
- After the driver installation has been completed, to change the COM Port number setting, connect the SMD to the PC and then turn it ON power.
1. Click the Windows « START » icon.
 2. Right-click [Computer] in the <Start> menu, and then click [Properties].



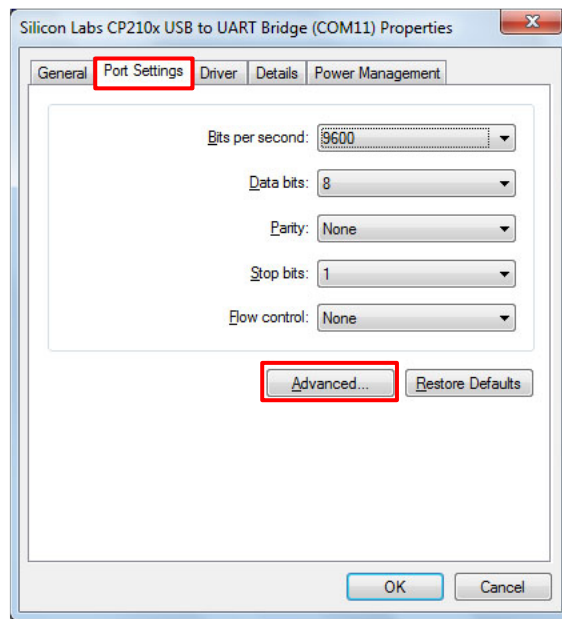
3. Control Panel appear. Click [Device Manager].



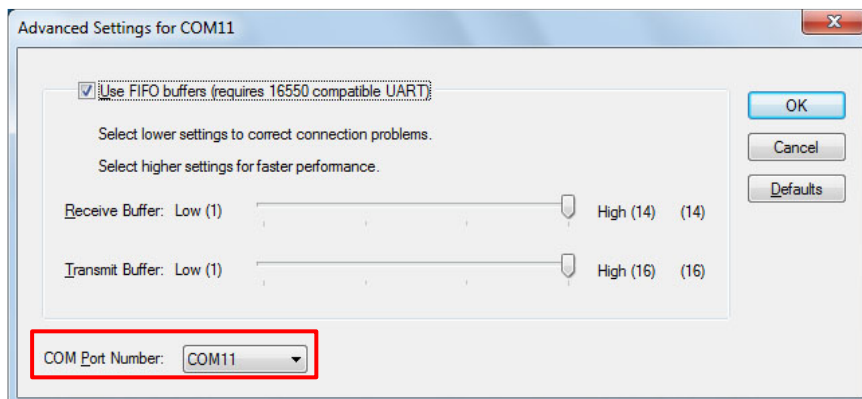
4. Right-click « SMD USB serial port (COM*) » and then click « Properties »
The COM port number is displayed instead of *.



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



6. Select the desired COM port number, then click [OK].



7. Click [OK] to close the screen.

