PENKO Engineering B.V.

Your Partner for Fully Engineered Factory Solutions

How to…
Install the USB driver

PENKO
an ETC Company

Penko USB driver installation

The Penko Flex series, 1020 series, SGM7xx/8xx series and RIO/RIA series are equipped with a USB connection. In order to connect the device to the computer a driver needs to be installed on the computer.

Installation is explained for Windows 7, Windows 8, Windows 8.1 and Windows 10

Windows 7

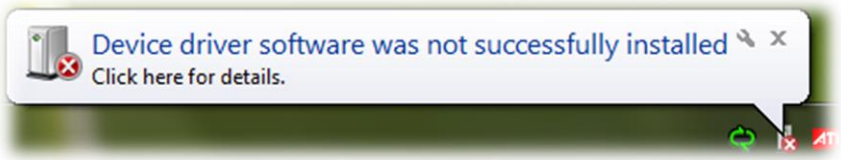
Do not connect the device to the computer before the drivers are installed. This will cause an error. Later on a solution is explained.

Copy the corresponding **driver.inf** file to the directory **C:\Windows\inf**

Connect the device to the computer. Windows will automatically install the device driver.

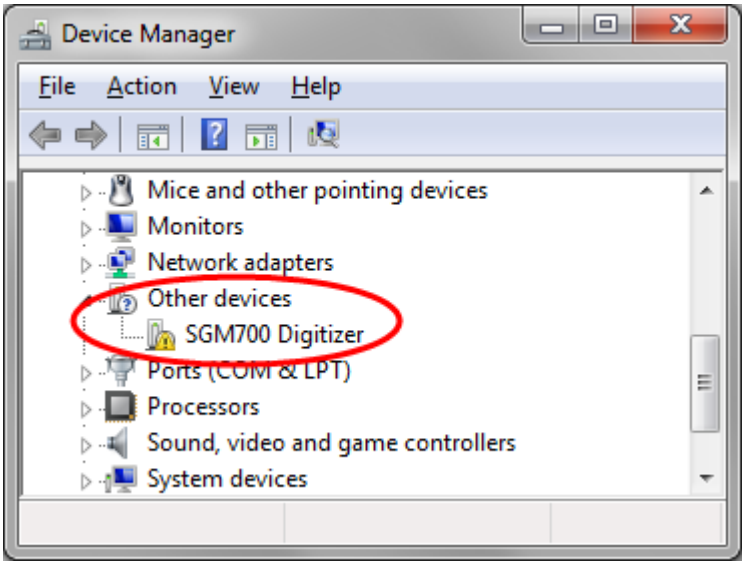
In case the device is connected without the correct driver installed, follow these instructions:

When connecting the device to the computer without the correct driver, a driver not installed message will appear:

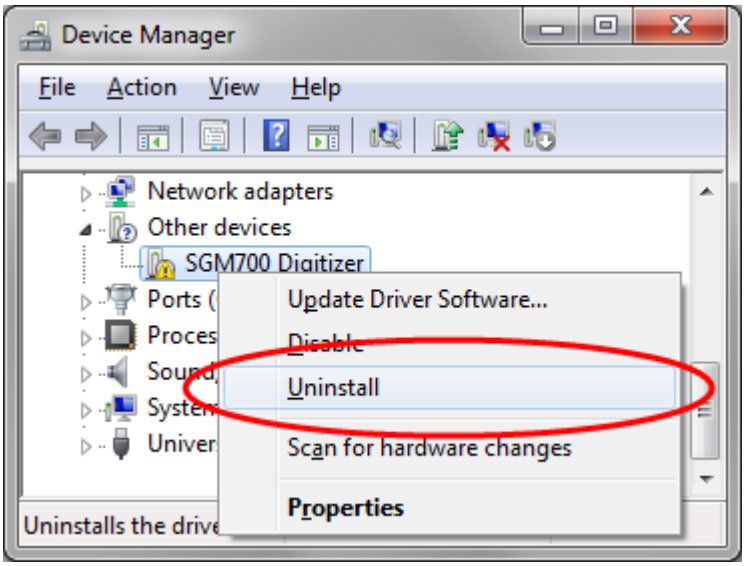


Go to Control Panel and choose Device Manager.

This list contains an unknown device, like Flex Instrument, or SGM700 Digitizer.



Right click the device and choose Uninstall:



This will remove the device from the list.

Now disconnect the device from the computer.

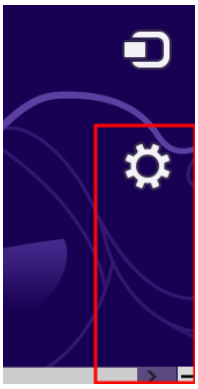
Copy the corresponding **driver.inf** file to the directory **C:\Windows\inf**

Connect the device to the computer. Windows will automatically install the device driver.

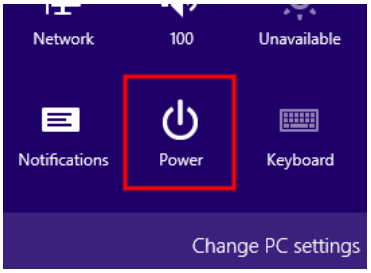
Windows 8

By default, Windows 8 does not support unsigned USB drivers. Follow these instructions to start Windows 8 in "Disable Driver Signature Enforcement" mode.

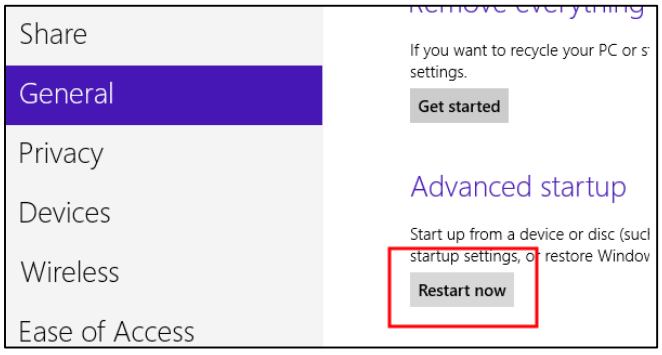
Move the cursor over the top or bottom right corner of the screen and it will show extra options on the right side of the screen (the Charm Bar). Click the Settings option:



The settings are shown:

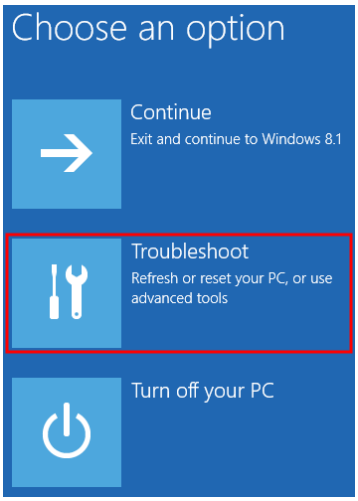


Click the Power button. The following screen is shown:

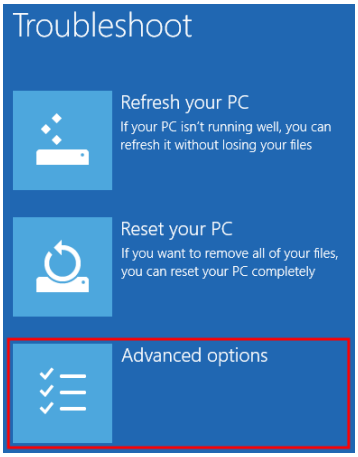


Click General on the left hand side and then click the Restart now button on the right.

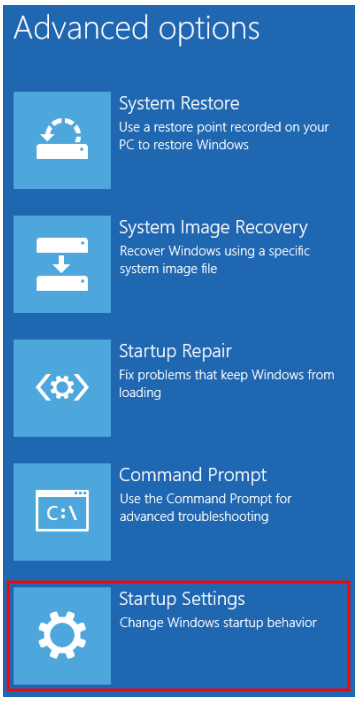
The following screen is shown:



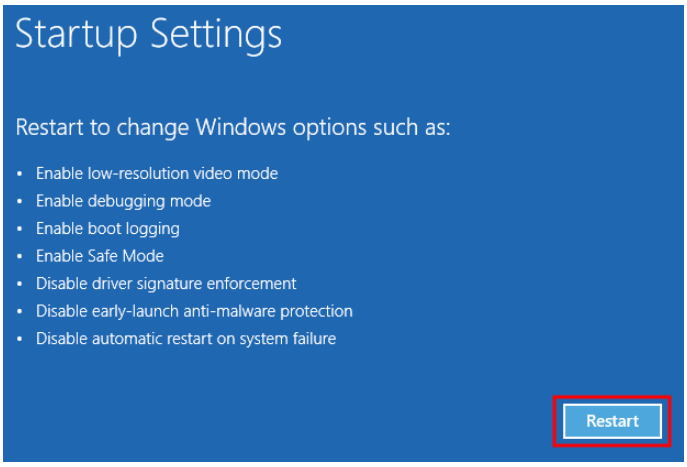
Click the Troubleshoot option. The following screen is shown:



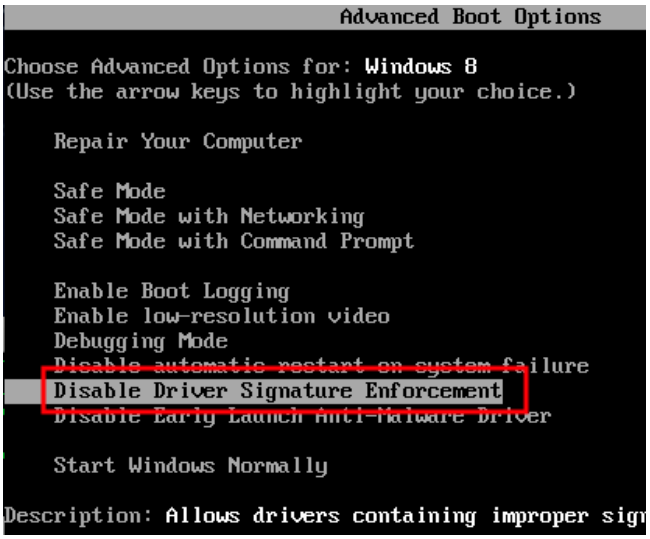
Click the Advanced options. The following screen is shown:



Click Startup Settings. The following screen is shown:



Click the Restart button. The following screen is shown:

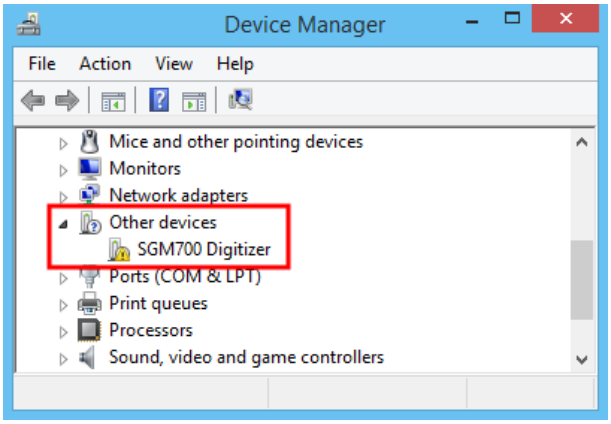


Choose the **Disable Driver Signature Enforcement** and hit the **Enter** key.

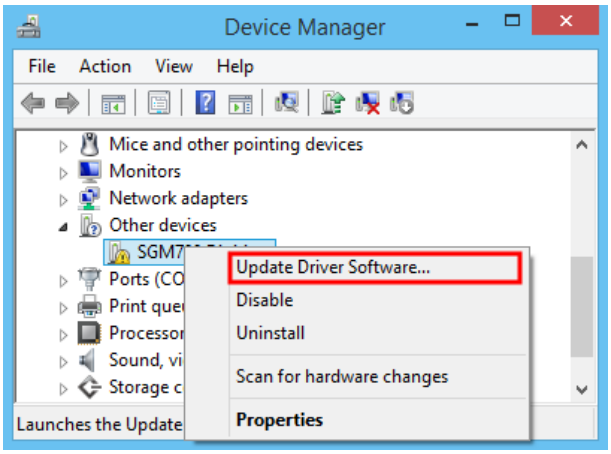
Windows will restart and unsigned drivers can be installed. (*A reboot of the computer should revert back to enabling driver signature enforcement again).*

Connect the Penko device to the computer and open the Device Manager (*All apps - Control Panel - Device Manager*).

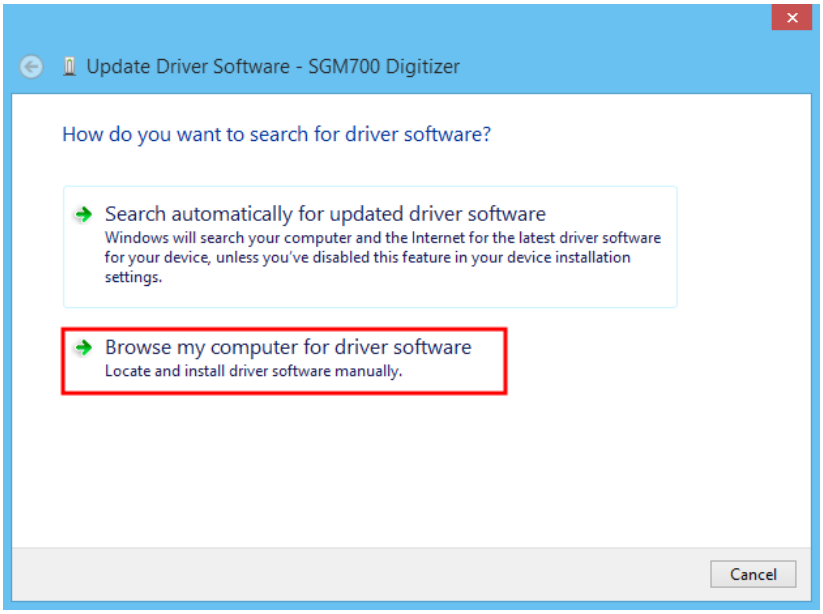
This list contains an unknown device, like Flex Instrument, or SGM700 Digitizer:



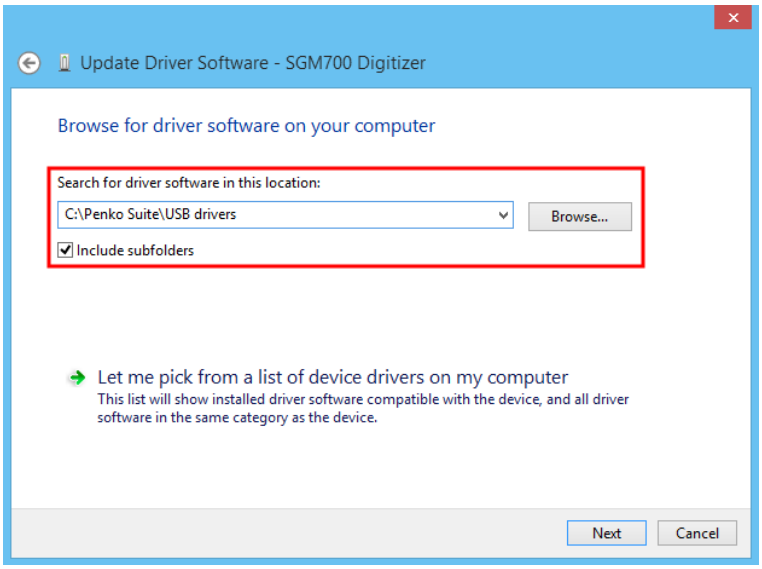
Right click the device and choose Update Driver Software:



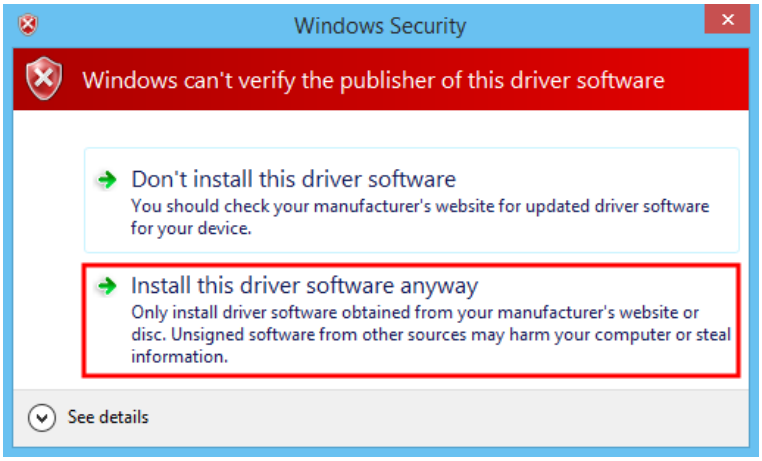
The following screen is shown:



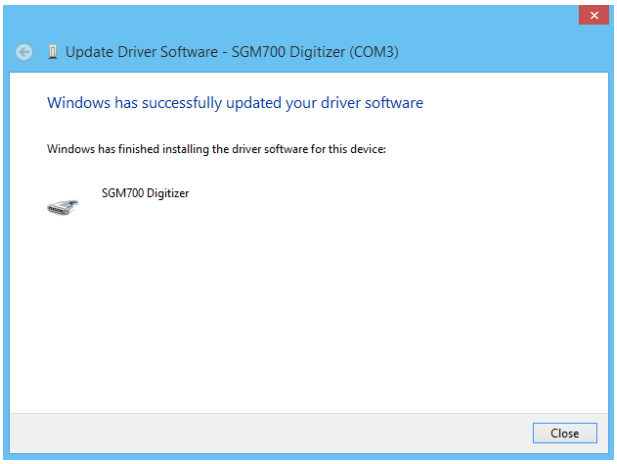
Click “Browse my computer for driver software”. The following screen is shown:

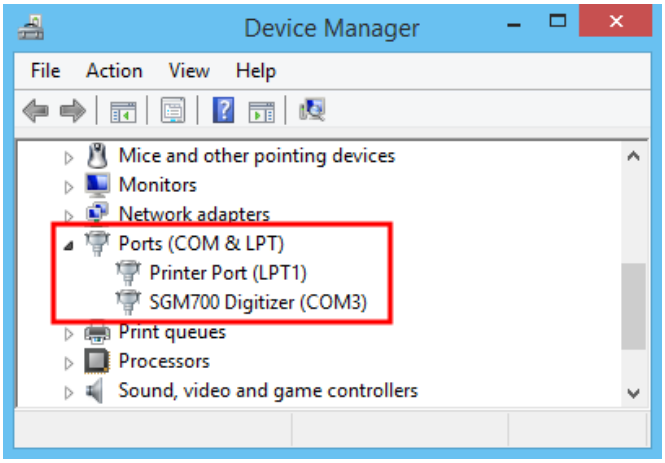


Select the folder where the driver files are located. Click next. The following screen is shown:



Click “Install this driver software anyway”. The driver is now installed and shown as serial port in Device Manager:

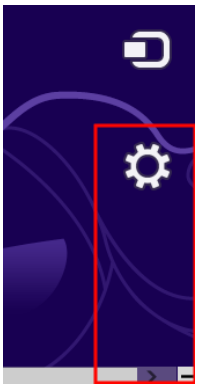

Update Driver Software - SGM700 Digitizer (COM3)
Windows has successfully updated your driver software
Windows has finished installing the driver software for this device:
SGM700 Digitizer
Close


Device Manager
File
Action
View
Help
Mice and other pointing devices
Monitors
Network adapters
Ports (COM & LPT)
Printer Port (LPT1)
SGM700 Digitizer (COM3)
Print queues
Processors
Sound, video and game controllers

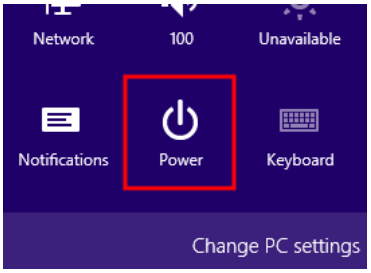
Windows 8.1

By default, Windows 8.1 does not support unsigned USB drivers. Follow these instructions to start Windows 8.1 in "Disable Driver Signature Enforcement" mode.

Move the cursor over the top or bottom right corner of the screen and it will show extra options on the right side of the screen (the Charm Bar). Click the Settings option:



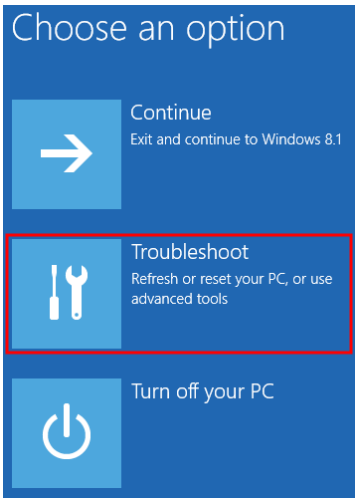
The settings are shown:



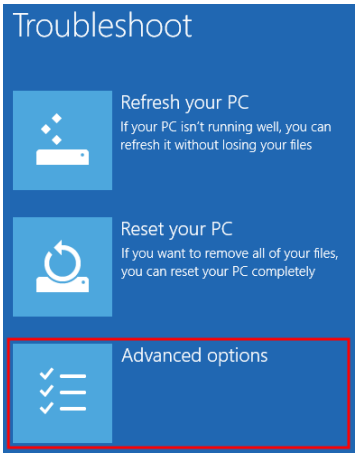
Click the Power button. The following screen is shown:

Press and hold the Shift key and click Restart. Release the Shift key when the options appear.

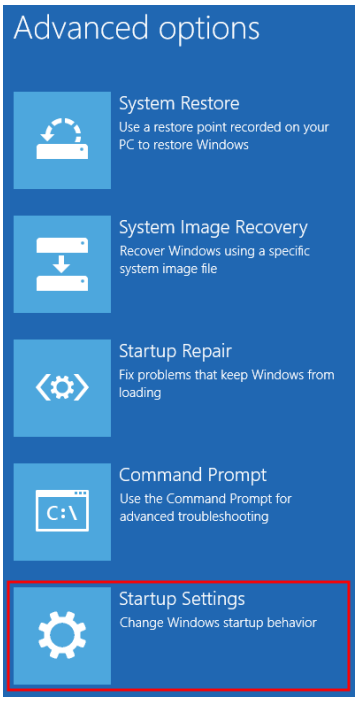
The following screen is shown:



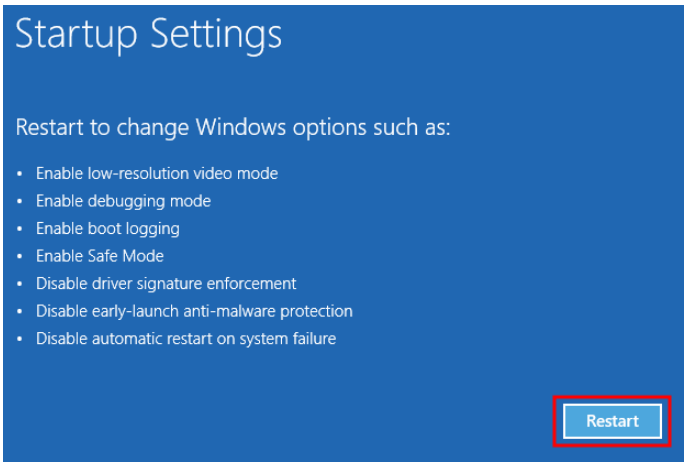
Click the Troubleshoot option. The following screen is shown:



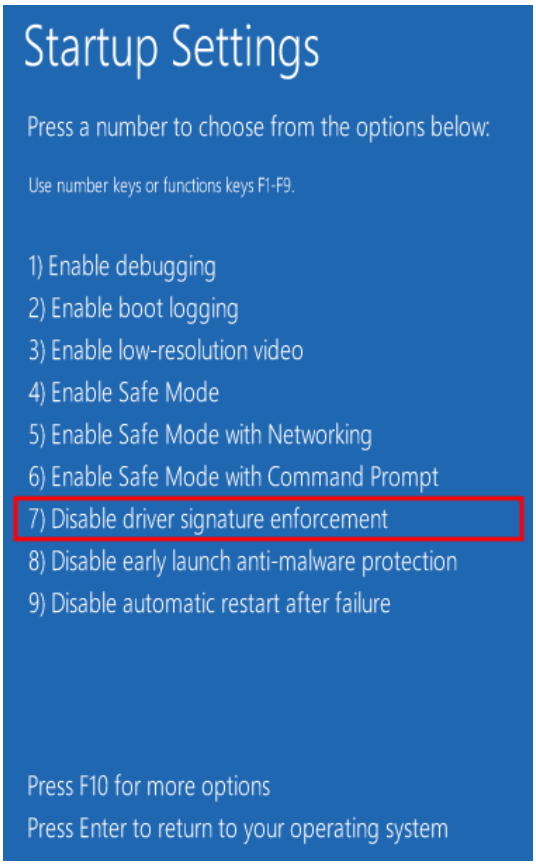
Click the Advanced options. The following screen is shown:



Click Startup Settings. The following screen is shown:



Click the Restart button. The following screen is shown:

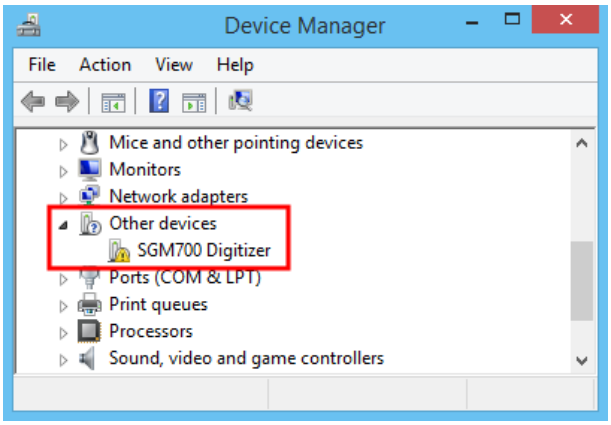


Choose the Disable Driver Signature Enforcement with 7 or F7.

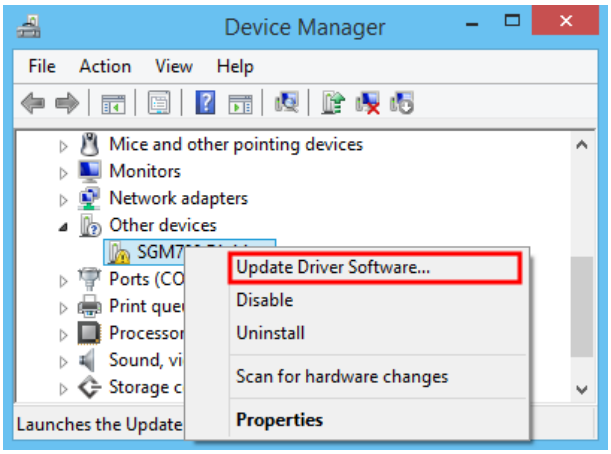
Windows will restart and unsigned drivers can be installed. (*A reboot of the computer should revert back to enabling driver signature enforcement again).*

Connect the Penko device to the computer and open the Device Manager (*All apps - Control Panel - Device Manager*).

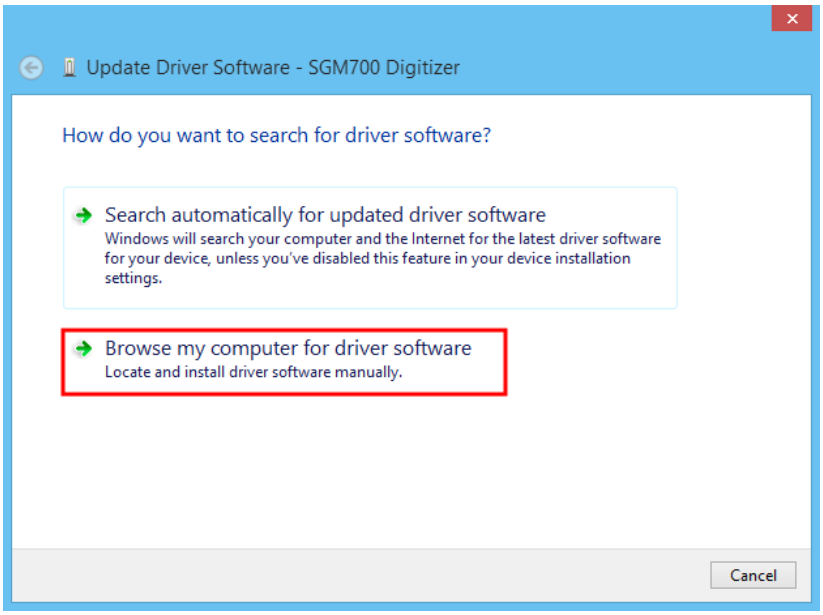
This list contains an unknown device, like Flex Instrument, or SGM700 Digitizer:



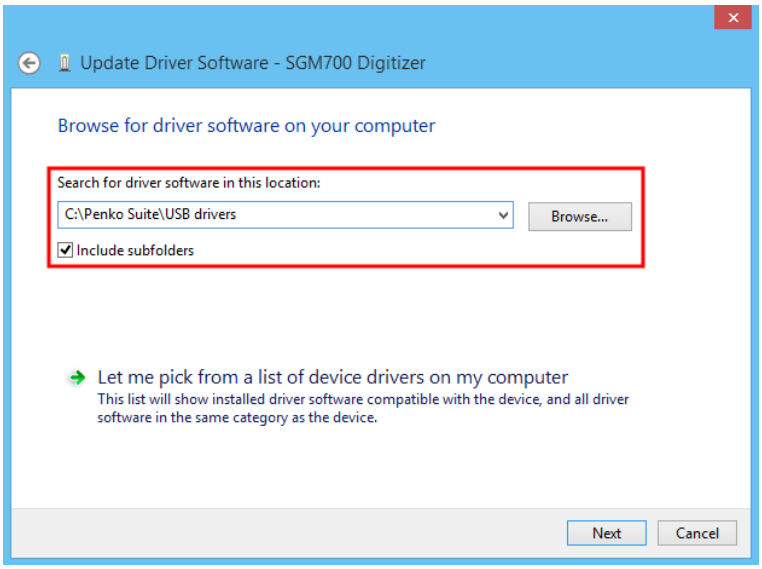
Right click the device and choose Update Driver Software:



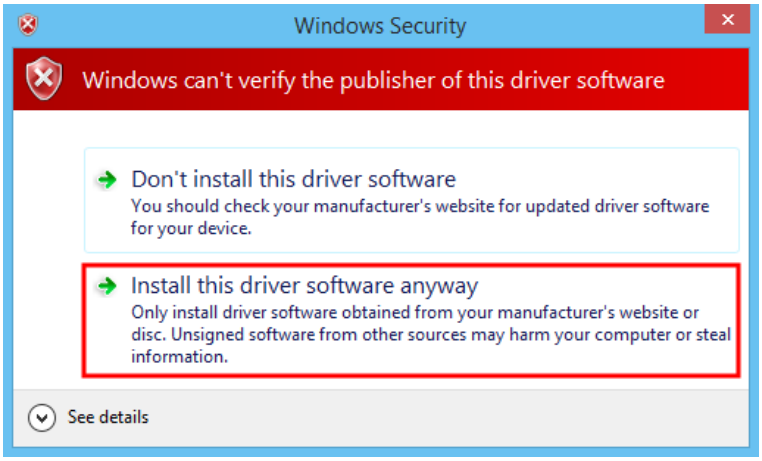
The following screen is shown:



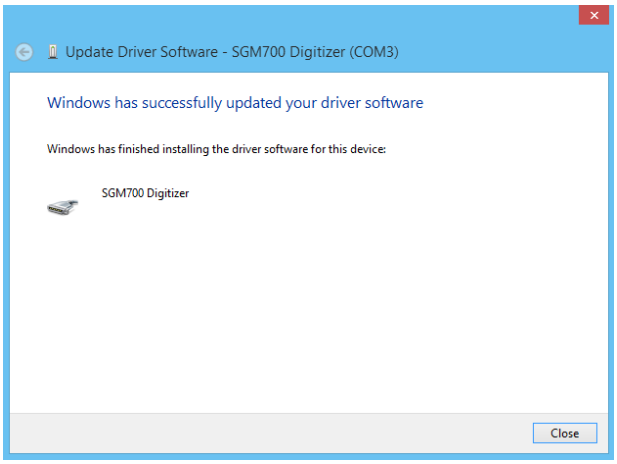
Click “Browse my computer for driver software”. The following screen is shown:

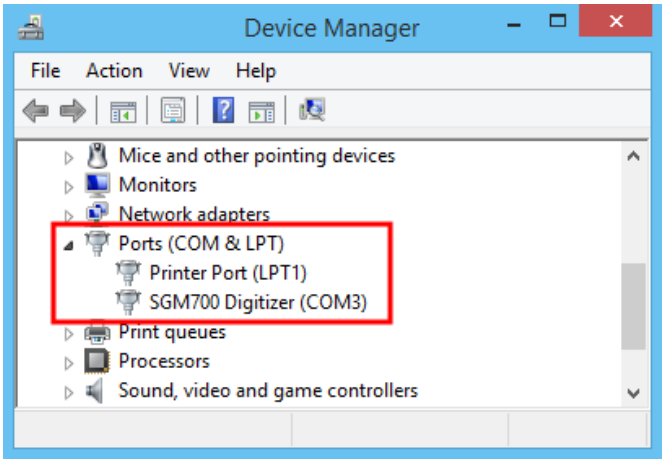


Select the folder where the driver files are located. Click next. The following screen is shown:



Click “Install this driver software anyway”. The driver is now installed and shown as serial port in Device Manager:

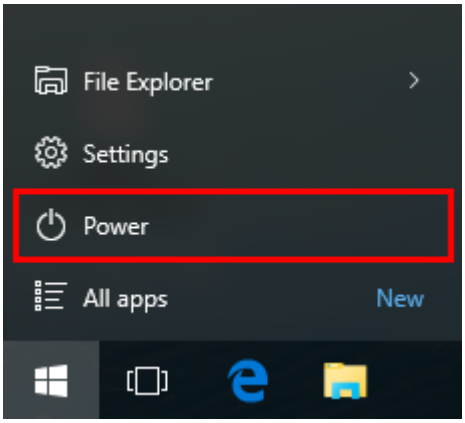

Update Driver Software - SGM700 Digitizer (COM3)
Windows has successfully updated your driver software
Windows has finished installing the driver software for this device:
SGM700 Digitizer
Close


Device Manager
File
Action
View
Help
Mice and other pointing devices
Monitors
Network adapters
Ports (COM & LPT)
Printer Port (LPT1)
SGM700 Digitizer (COM3)
Print queues
Processors
Sound, video and game controllers

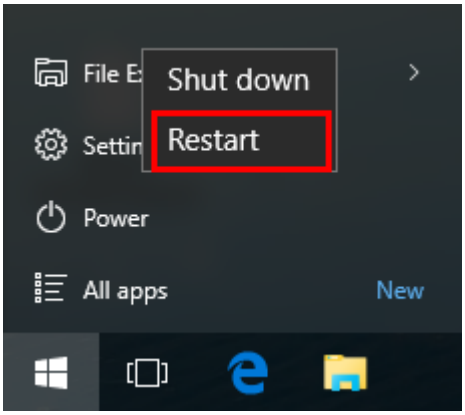
Windows 10

By default, Windows 10 does not support unsigned USB drivers. Follow these instructions to start Windows 10 in "Disable Driver Signature Enforcement" mode.

Press ***and hold*** the SHIFT key. Click the start button. Click Power.

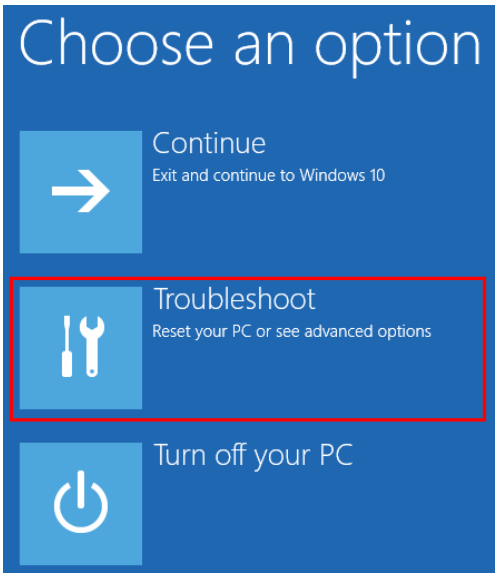


Keep the SHIFT key pressed and click restart.

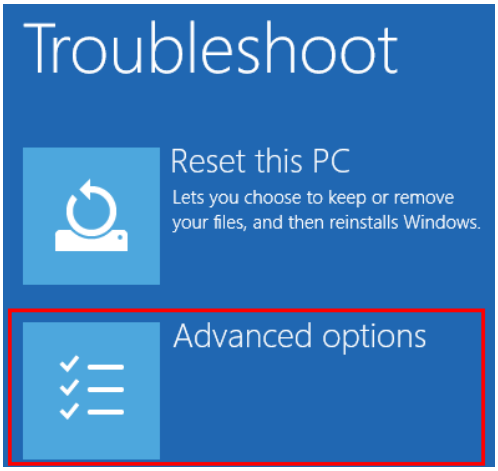


Release the Shift key when the options appear.

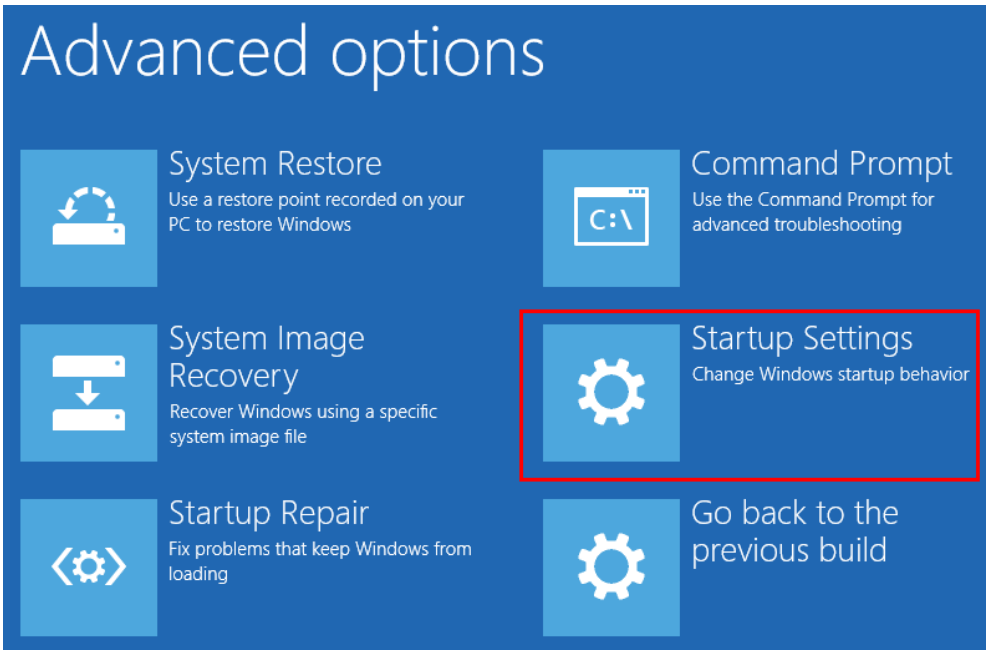
The following screen is shown:



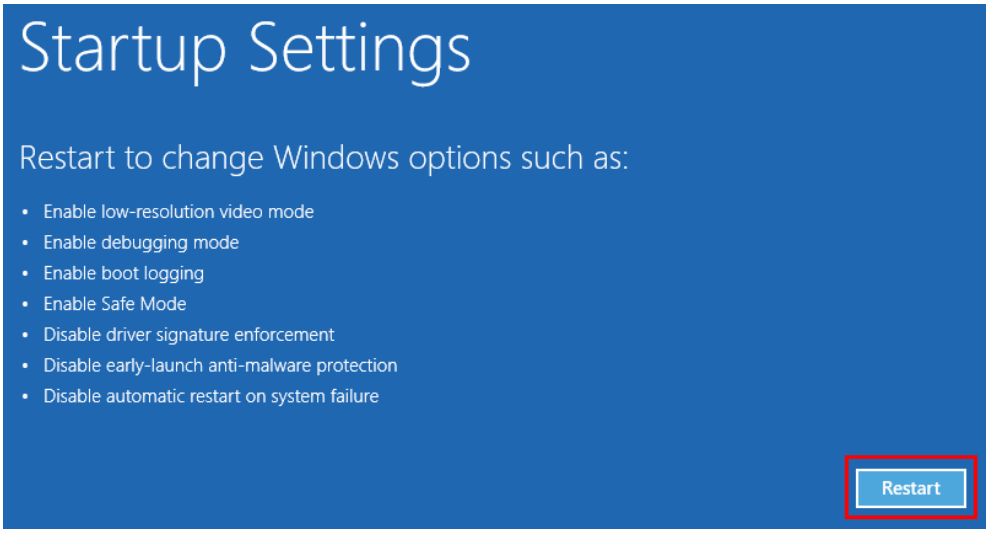
Click the Troubleshoot option. The following screen is shown:



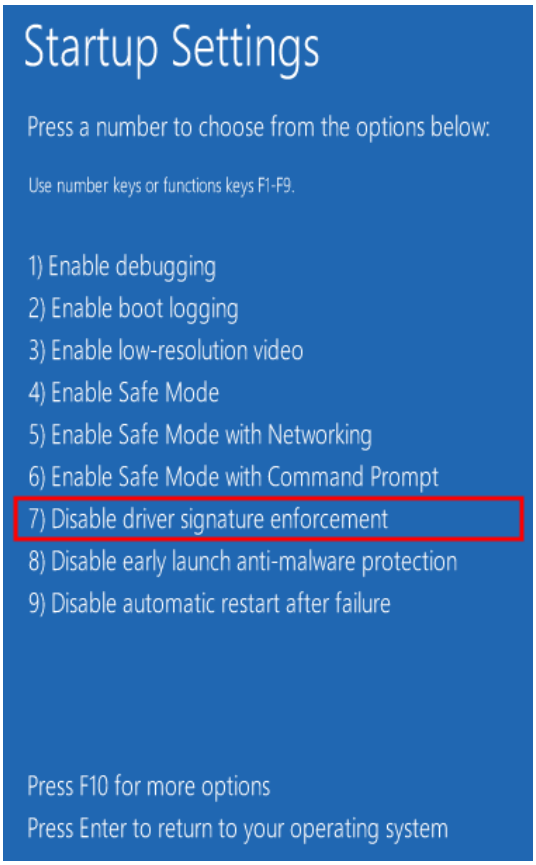
Click the Advanced options. The following screen is shown:



Click Startup Settings. The following screen is shown:



Click the Restart button. The following screen is shown:



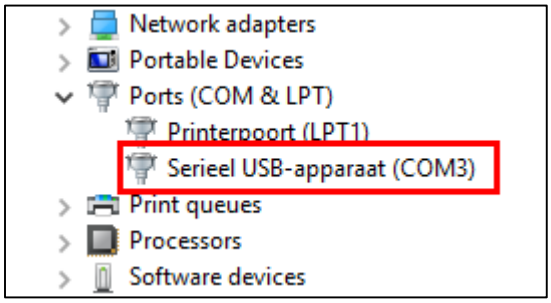
Choose the Disable Driver Signature Enforcement with 7 or F7.

Windows will restart and unsigned drivers can be installed. (*A reboot of the computer should revert back to enabling driver signature enforcement again).*

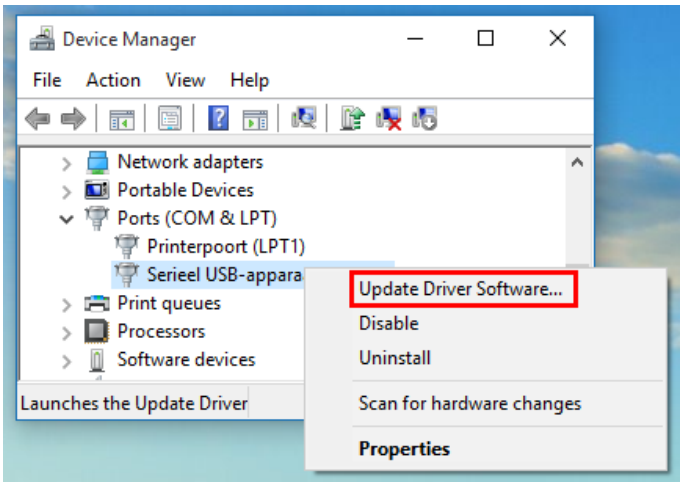
Copy the corresponding **driver.inf** file to the directory **C:\Windows\inf**

Connect the Penko device to the computer and open the Device Manager (*right click on Start - Device Manager*).

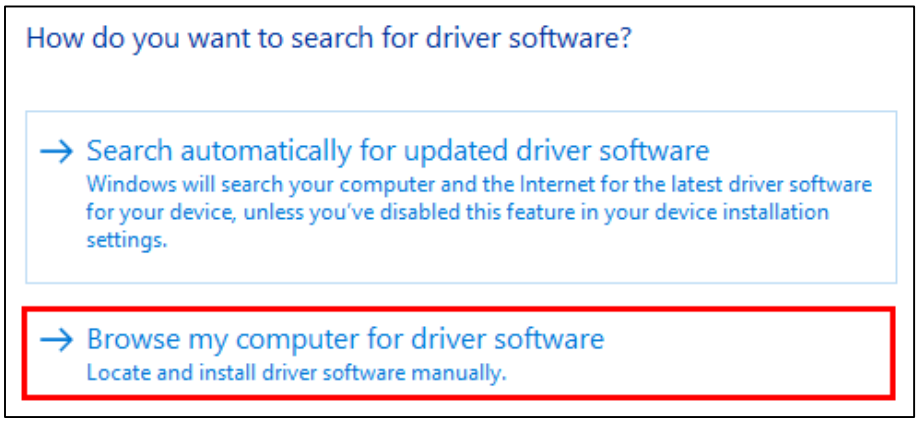
Windows 10 will detect the device as serial device:



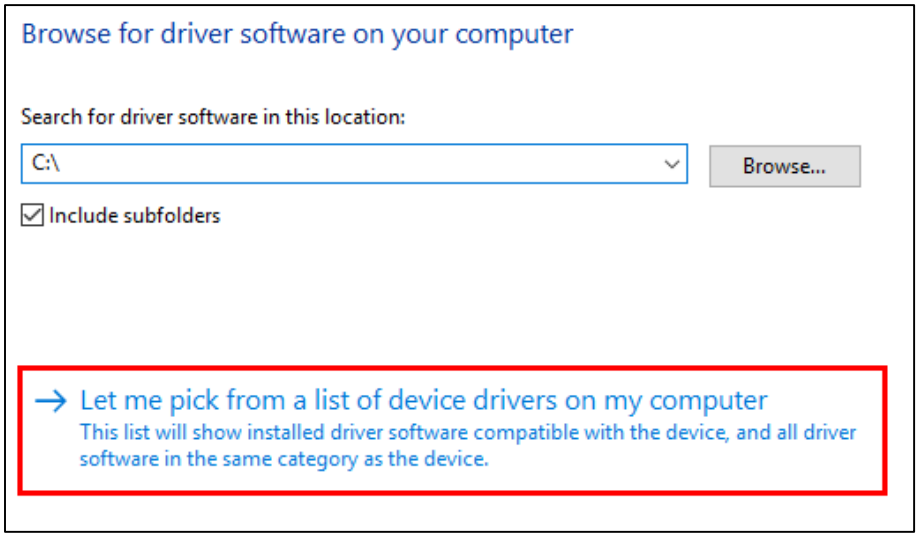
Right click the device and click Update Driver Software:



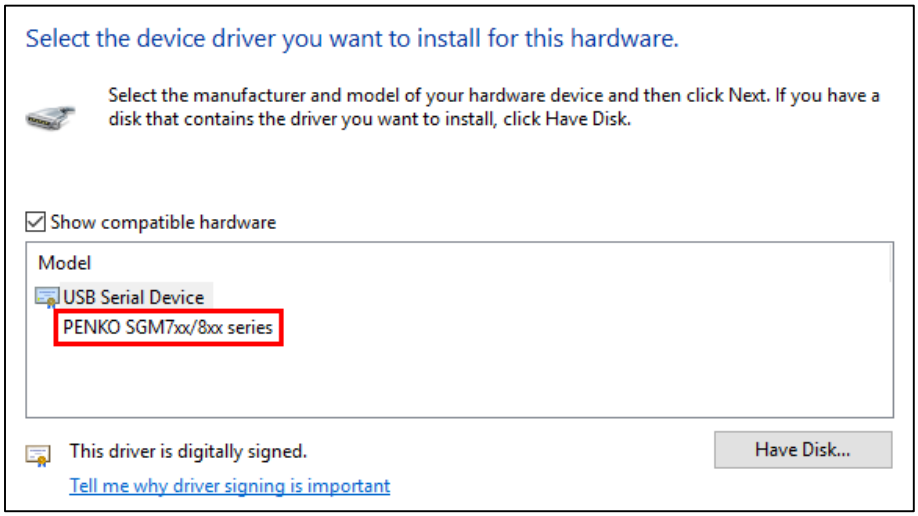
The following screen is shown:



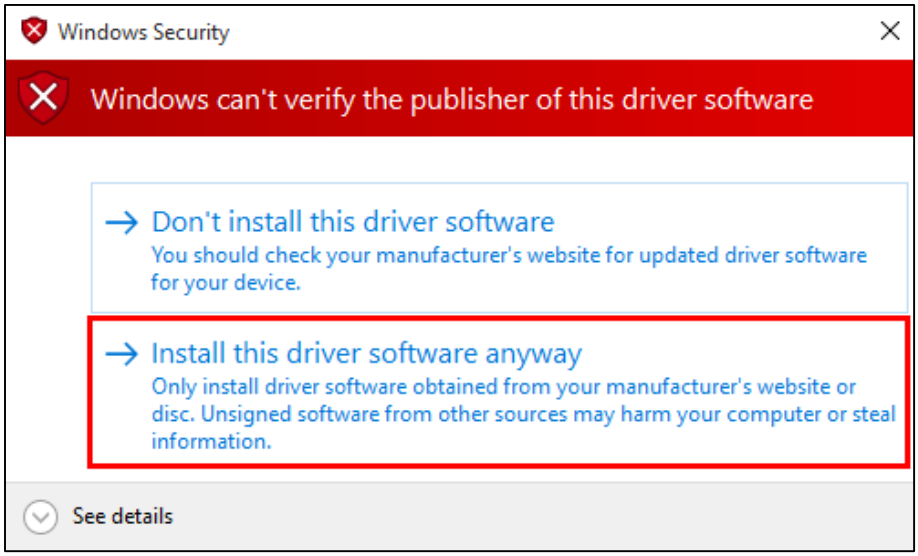
Click “Browse my computer for driver software”. The following screen is shown:



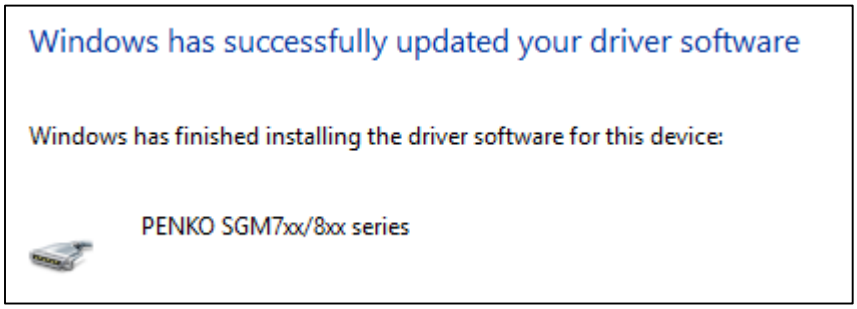
Click “Let me pick from a list of device drivers on my computer”. The following screen is shown:

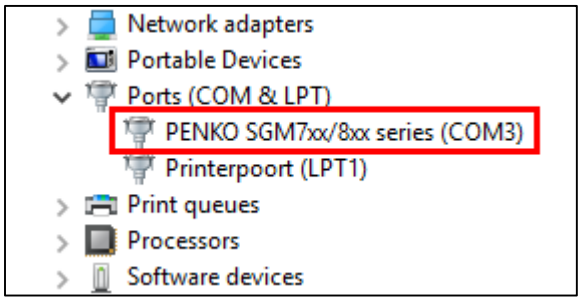


Select the PENKO instrument and click Next. The following screen is shown:



Click “Install this driver software anyway”. The driver is now installed and shown as serial port in Device Manager:





About PENKO

Our design expertise include systems for manufacturing plants, bulk weighing, check weighing, force measuring and process control. For over 35 years, PENKO Engineering B.V. has been at the forefront of development and production of high-accuracy, high-speed weighing systems and our solutions continue to help cut costs, increase ROI and drive profits for some of the largest global brands, such as Cargill, Sara Lee, Heinz, Kraft Foods and Unilever to name but a few.

Whether you are looking for a simple stand-alone weighing system or a high-speed weighing and dosing controller for a complex automated production line, PENKO has a comprehensive range of standard solutions you can rely on.

Certifications

PENKO sets high standards for its products and product performance which are tested, certified and approved by independent expert and government organizations to ensure they meet – and even – exceed metrology industry guidelines. A library of testing certificates is available for reference on:
http://penko.com/nl/publications_certificates.html

PENKO Professional Services

PENKO is committed to ensuring every system is installed, tested, programmed, commissioned and operational to client specifications. Our engineers, at our weighing center in Ede, Netherlands, as well as our distributors around the world, strive to solve most weighing-system issues within the same day. On a monthly basis PENKO offers free training classes to anyone interested in exploring modern, high-speed weighing instruments and solutions. A schedule of training sessions is found on: **www.penko.com/training**

PENKO Alliances

PENKO's worldwide network: Australia, Belgium, Brazil, China, Denmark, Germany, Egypt, Finland, France, India, Italy, Netherlands, Norway, Poland, Portugal, Slovakia, Spain, Syria, Turkey, United Kingdom, South Africa, Slovakia Sweden, Switzerland and Singapore.
A complete overview you will find on: **www.penko.com/dealers**

PENKO Engineering B.V. ▪ Schutterweg 35, NL 6718XC Ede ▪ Tel +31 (0) 318525630 ▪ Fax +31 (0) 31852971 ▪ info@penko.com
Web ▪ www.penko.com ▪ Copyright © 2014 ETC All rights reserved.