

Driver and software installation

For digital thermometer and 1-wire adapter DS9097 with DS18B20 digital probe attached.

1 Web mirror

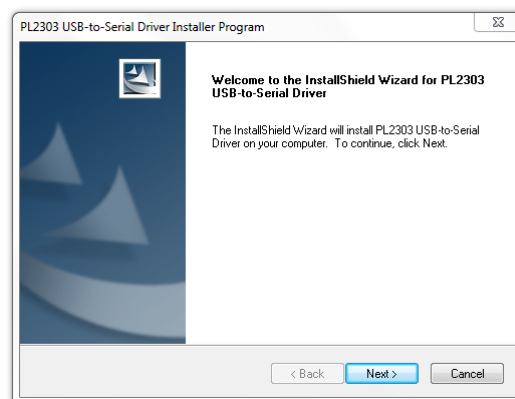
All drivers and software could be downloaded from USBTEMP homepage under Software section¹.

2 Windows

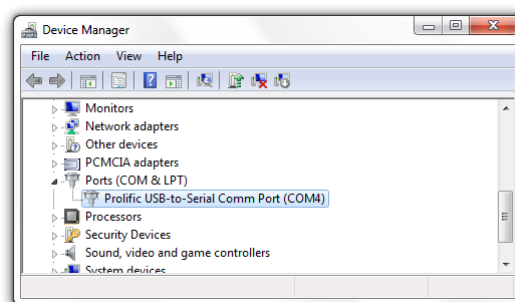
The following pictures are based on Windows 7. The same procedure applies for recent versions of Windows, e.g. Windows 10.

2.1 Driver installation

In some cases Windows automatically detects USB serial interface. If it does not, a manual installation of drivers is needed. Drivers could be also downloaded from official Prolific webpage². Start installation program.



After installation open Device Manager and under Ports (COM & LPT) obtain name of new serial port. In next picture, the serial port has name COM4 and hence number 4.

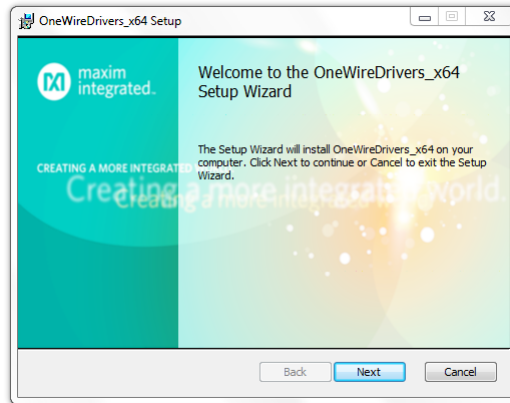


¹<https://usbtemp.com/#software>

²http://www.prolific.com.tw/US/ShowProduct.aspx?p_id=225&pcid=41

2.1.1 Maxim 1-wire driver

If you're going to use LogTemp or OneWireViewer you need to install Maxim 1-wire drivers³.



2.2 Software installation

In following examples it is assumed that the device appeared under COM4 serial port.

2.2.1 Digitemp

Digitemp requires no installation, just download the `digitemp.exe` binary and run it from command prompt `cmd`. Make sure you have downloaded version 1.7. On other versions USB thermometer might not get recognized.

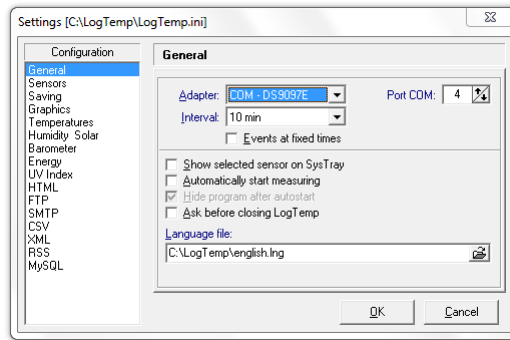
2.2.2 LogTemp

This application uses driver from Maxim, so this must be installed first.



After installation run the application and in the configuration set Adapter to **COM – DS90C03** and Port COM to match your serial port name.

³https://www.maximintegrated.com/en/products/ibutton/software/tmex/download_drivers.cfm



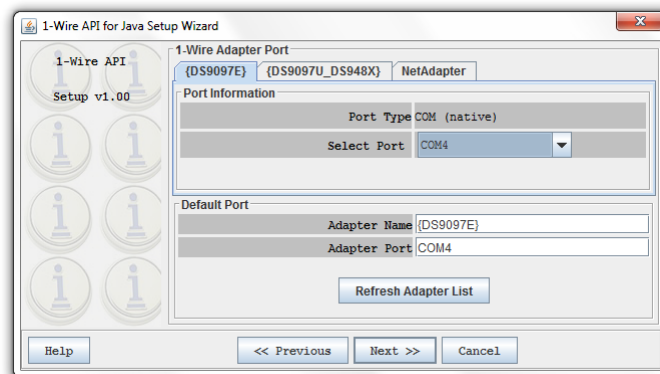
2.2.3 OneWireViewer

This application requires Java RTE to be installed on the system.

Extract two files: OneWireViewer.jar and OneWireAPI.jar to a folder. Then navigate Windows Command Line to folder and execute following:

```
java -classpath OneWireViewer.jar;OneWireAPI.jar;. OneWireViewer
```

In the setup window make sure **DS9097E** tab is selected and set Select Port to match your serial port name.



After two more click to Next, a new window appears where connected 1-wire devices are given on left pane.

