

## Installation PDM-U driver


This document describes the installation process for the PDM-U cable driver. The driver can be used for the following operating systems

- Windows XP
- Windows Vista
- Windows 7

The driver is developed by FTDI and certified by Microsoft WHQL. For further information visit the [FTDI website](http://voegtlin.sharepointhosting.ch/DOCUMENTS/PDM-U.zip). You find the driver on our installation CD or you can download it from our website <http://voegtlin.sharepointhosting.ch/DOCUMENTS/PDM-U.zip>.


### Installation

To install the drivers for an FTDI device follow the two steps below:

 **Remark:** Please connect the PDM-U cable with your pc **after** you successfully installed the driver.

#### Step 1: Install driver

The driver on our CD can be found under [\Drivers\PDM-U\CDM20814\\_setup.exe](#). Double click on *CDM20814\_Setup.exe* file and the installation routine for the USB serial-converter will start automatically. If a device of the same type has been installed on your machine before and the drivers that are about to be installed are different from those, the original drivers may need to be uninstalled first.

 **Remark:** If you use Windows 7 and connect the PDM-U cable to a COM port, Windows 7 automatically starts to download the driver from the internet. If you prefer to proceed in this way, then continue with step 2. Make sure internet connection is available.

After double clicking the setup, the dialog in figure 1 appears, which describes the installation process. If this process finishes without an error the driver is installed on your pc. On very fast computers the installation process is hardly recognizable.

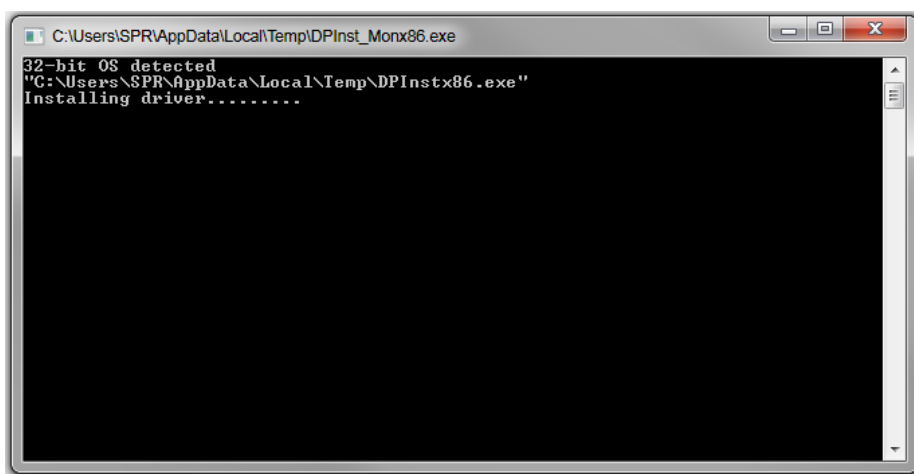


Figure 1: CDM20814\_Setup.exe (USB Serial Convert driver) installs the driver

## Step 2: Get communication with the *red-y smart* device via *get red-y* software

If the driver is successfully installed you can connect a *red-y smart* device with the PDM-U cable to a COM port. Then start the *get red-y* software.

**Remark:** Keep in mind that for each physical USB port a logical COM port is assigned. This means if you connect the PDM-U cable to another port as before, a new port will be initialised.

The COM port has to be properly chosen in *get red-y* software in order that the communication with the device can be built up.

To choose the proper COM port you have to use the combo box in figure 2 (1. COM port).

If you click on the blue question mark in *get red-y* the Windows device manager opens and you can see the COM port to which the PDM-U cable is connected to. Click on the button [Start search] to find the connected *red-y smart* devices. If connected devices show up with serial number in the lower part of the window the driver has been installed properly and the correct COM port has been assigned.

The connection process is explained more detailed in the manual of the *get red-y* software.

For some operating systems it might be necessary to restart your computer in order to get the driver operating with *get red-y*.

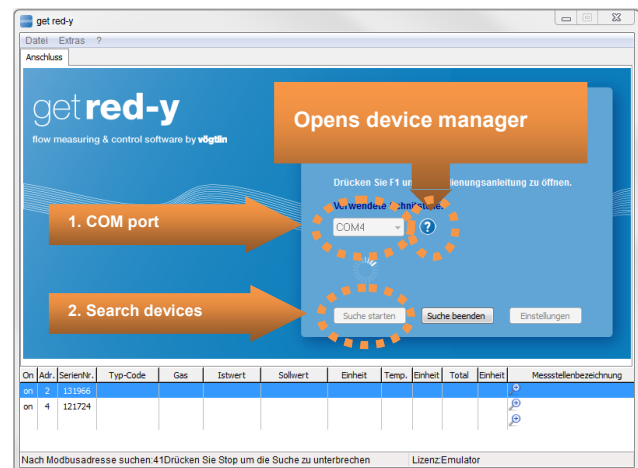


Figure 2: Configure the COM ports

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