

Installation instructions

USB interface driver for OTT USB/SDI-12 Interface



English

1 Introduction

The OTT USB/SDI-12 Interface requires a special USB interface driver for operation on a PC. This USB interface driver must be installed on the first use of the interface.

OTT Hydromet uses the "USB serial converter" driver from "Future Technology Devices International Limited" (FTDI) for this purpose.

You can use the USB interface driver on any current standard PC with a USB interface and an operating system from Microsoft Windows 2000.

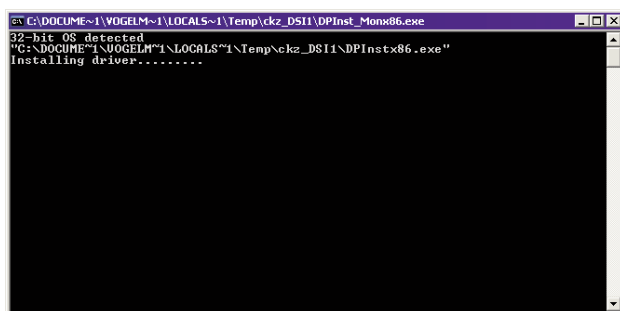
2 Installing the USB interface driver

The procedure described here relates to the Microsoft Windows XP operating system. It is applicable to other Windows operating systems with small changes.

How to install the USB interface driver:



- Log on to the PC with administrator rights.
- Connect the OTT USB/SDI-12 Interface to a USB interface on the PC → the PC recognizes the new hardware and displays the message*: "Found new hardware. OTT USB to SDI12 Link" → the "Found new hardware Wizard" opens.
- Click on "Cancel".
- Ignore error message*: "A problem occurred during hardware installation. Your new hardware might not work properly".

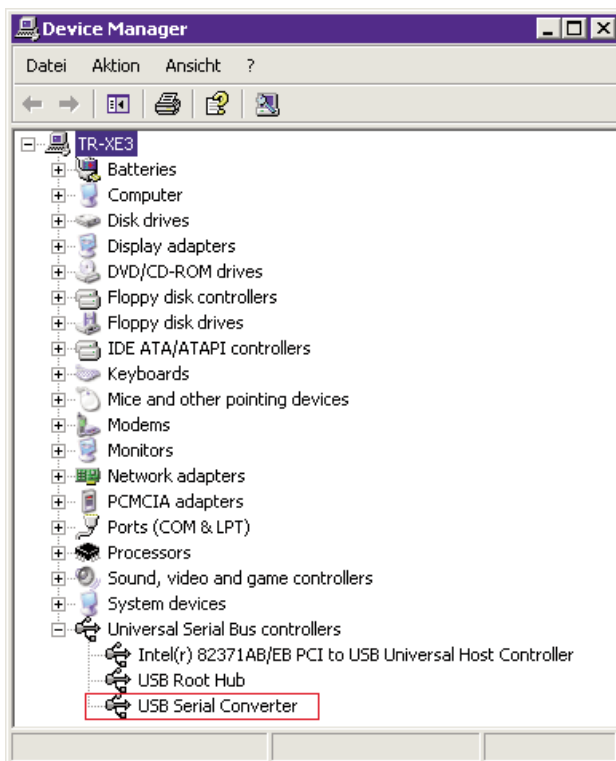


- Start file "CDM x.xx.xx.exe" (e.g. CDM 2.08.02) on the "OTT SDI-12 Interface Software" CD-ROM (directory: .../Driver) → a window opens with an automatic installation program and installs the USB interface driver.
- After completion of the installation process, the message*: "Your new hardware is installed and ready to use" appears.
- The OTT USB/SDI-12 Interface can now be used in connection with the OTT SDI-12 Interface software. See Chapter 5.

* In the notification area of the taskbar

3 Checking the installation (if required)

How to check the installation of the USB interface driver:



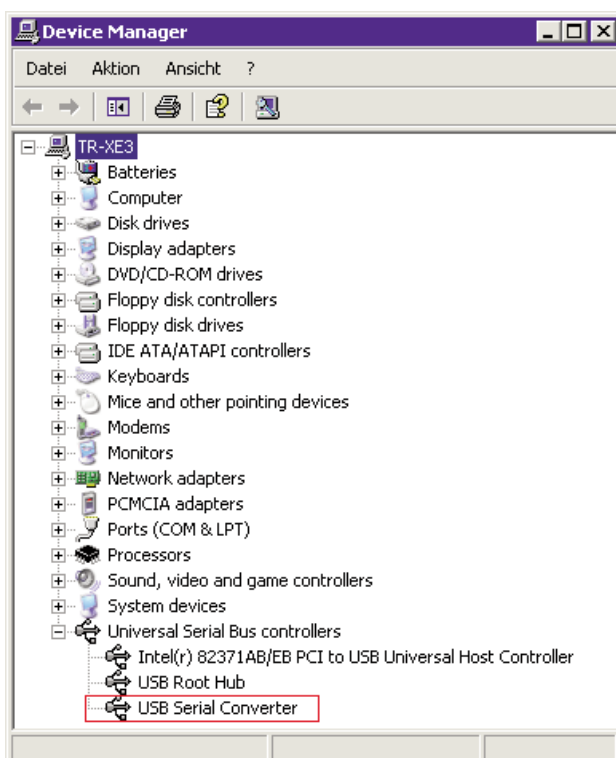
- Connect the OTT USB/SDI-12 Interface to a USB interface on the PC.
- Select "Start" → "Control Panel" → "System" → "Hardware" → "Device Manager".
- Check whether the entry shown in red in the Figure shown here is present.
- If the entry is missing → reinstall the USB interface driver.
- Close Device Manager.

Note

- The entry can only be viewed with an OTT USB/SDI-12 Interface connected!

4 Uninstalling the USB interface drivers (if required)

How to uninstall the USB interface driver:



- Connect the OTT USB/SDI-12 Interface to a USB interface on the PC.
- Select "Start" → "Control Panel" → "System" → "Hardware" → "Device Manager".
- Click on "USB Serial Converter" using the right mouse button and select "Uninstall".
- Confirm "Warning: You are about to uninstall this device from your system." with "OK".
- Close Device Manager.

Notes

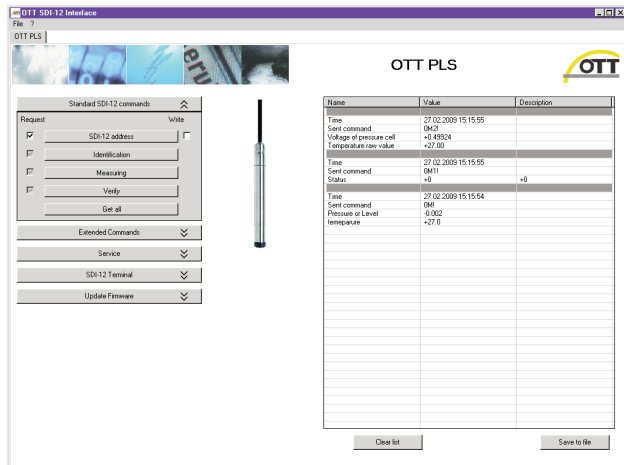
- If the OTT USB/SDI-12 Interface is connected again, the operating system will install the USB interface driver automatically without asking. The operating system saves installation files during the initial installation in the Windows system directory for this purpose.

5 Information on using the OTT USB/SDI-12 Interface with the OTT SDI-12 Interface software

If you have not already done so: How to install the OTT SDI-12 Interface software:

- Close all open applications on the PC.
- Insert the "OTT SDI-12 Interface software" CD-ROM into the PC drive.
- Start the "setup_e.exe" file in the ".../Software/English" directory (e.g. double click on the file symbol) → the Setup Assistant opens and guides you through the installation.
- Follow the installation instructions on the screen.

How to use the OTT USB/SDI-12 Interface:



- Connect the OTT sensor (OTT SE 200, OTT RLS, OTT PLS, OTT CBS) to the OTT USB/SDI-12 Interface and to the power supply (see "Operating instructions OTT USB/SDI-12 interface").
- Connect the OTT USB/SDI-12 Interface to a USB interface on the PC.
- Start the OTT SDI-12 Interface software → the software automatically recognises the sensor connected, queries SDI-12 address and starts an operating window appropriate for the sensor.
- The following options are now available:
 - send SDI-12 standard command, extended command or service command to the sensor via command key;
 - Enter any SDI-12 command via the terminal window and send to the sensor;
 - Carry out firmware update.

Note

- If multiple sensors are attached in parallel, a selection window for the connected devices appears → Select the sensor, enter the SDI-12 start and end address and press the "Start busscan" button (depending on the interface in use) → the software starts an operating window appropriate to the sensor.

Document number
65.050.001.I.E 03-0213



OTT Hydromet GmbH

Ludwigstrasse 16
87437 Kempten · Germany
Phone +49 831 5617-0
Fax +49 831 5617-209

info@ott.com · www.ott.com