



FAFNIR USB Adapter

Installation Guide (en)



DO NOT USE IN EX ZONE!

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Table of Contents

1	Overview	1
2	Safety Instructions	1
3	Scope of Supply.....	2
4	Installation	3
4.1	Automatic installation of Windows device drivers.....	3
4.2	Manual installation of Windows device drivers	5
5	Use of the FAFNIR USB Adapter.....	6
6	Annex	7
6.1	EU Declaration of Conformity.....	7

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1 Overview

The FAFNIR USB Adapter is a device for connecting FAFNIR probes to a Windows PC/notebook in order to check or configure the probes.

There are 4 different USB Adapters for the following different FAFNIR probes:

- FAFNIR USB Adapter for VISY-Stick probes, item no. 900040
- FAFNIR USB Adapter for TORRIX 5.5 probes, item no. 900223
- FAFNIR USB Adapter for TORRIX C ... / SC ... probes, item no. 900185
- FAFNIR USB Adapter for TORRIX RS485 probes, item no. 900187

The device drivers for the FAFNIR USB Adapter are normally installed automatically by all Windows versions from Windows 7 onwards when the adapter is first connected to your PC/notebook.

This guide describes how to install the adapter using the Windows 10/11 operating system.



Under Windows 11, installing the device driver may take several minutes. Once Windows has recognized the FAFNIR USB Adapter as a new device, the automatic installation of the device driver begins, which can be followed step by step in the view of the Windows Device Manager.



If the automatic driver installation does not run correctly, you will find the manufacturer-approved Windows device drivers for Windows 10/11 on the supplied USB stick for manual installation.

2 Safety Instructions

The FAFNIR USB Adapter is a device for connecting FAFNIR probes to a Windows PC/notebook in order to check or configure the probes.

The FAFNIR USB Adapter must be used exclusively for this purpose. The manufacturer accepts no liability for any kind of damage caused by improper use.



The FAFNIR USB Adapter must not be used in potentially explosive atmospheres. Installation and use is allowed only outside the Ex zone.

3 Scope of Supply

Transport case with:



FAFNIR USB Adapter
(probe-specific)
with 2 m connection cable
with M12 coupler

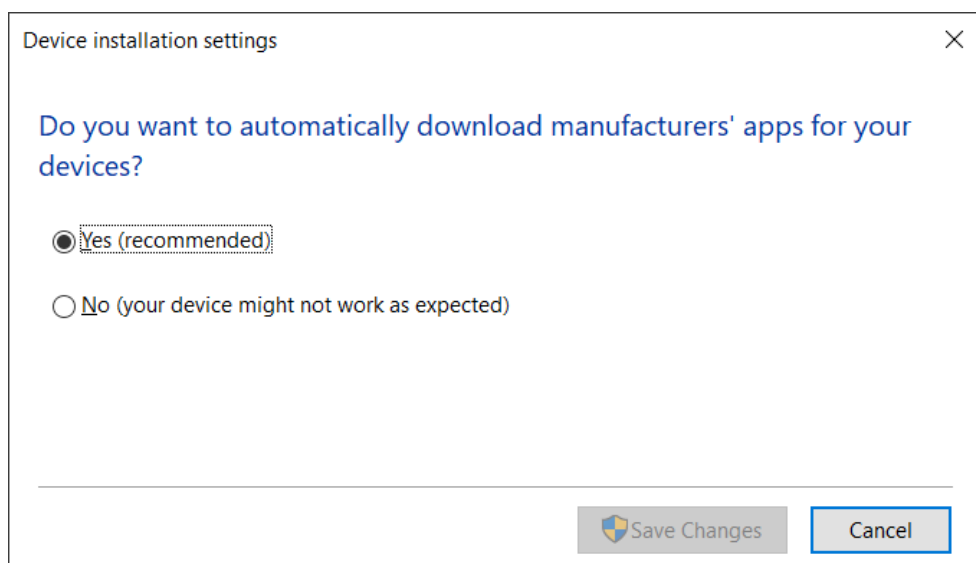
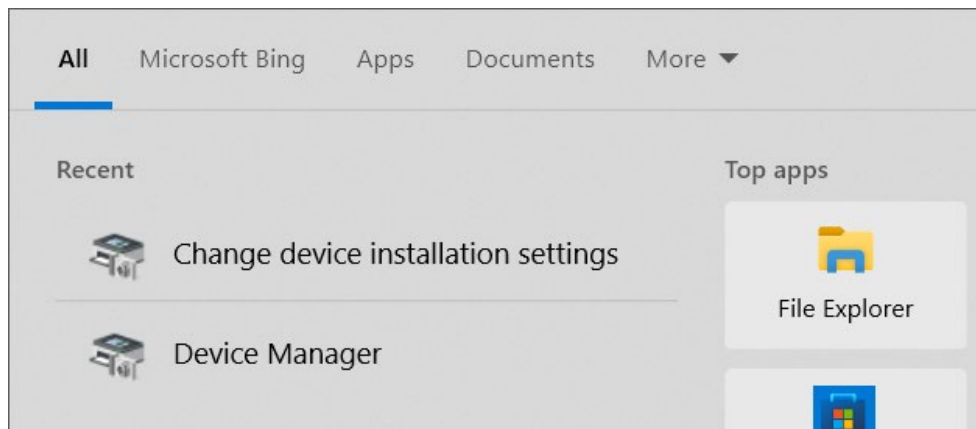
USB stick with associated
software (e.g. VISY-X)

USB extension cable
0.3 m

4 Installation

4.1 Automatic installation of Windows device drivers

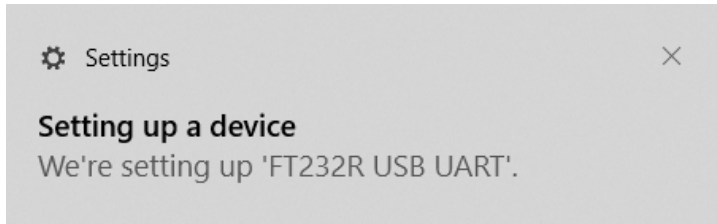
- ➔ Your Windows PC/notebook must have internet access.
- ➔ Open the system settings "Change device installation settings".
Automatic installation of device drivers must be enabled with "Yes (recommended)".
The messages displayed during installation depend on the Windows version:



- ➔ Insert the FAFNIR USB Adapter into an available USB port.

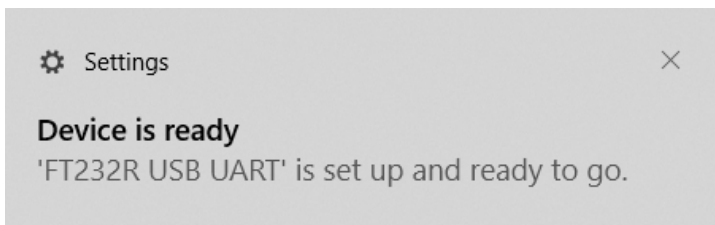
The FAFNIR USB Adapter with serial number 210 and higher is designed as a *plug-and-play* device. When the FAFNIR USB Adapter is first connected to the Windows PC/notebook, the device drivers required for the operating system are automatically installed after a short time.

- ➔ Windows automatically detects a new device and searches for the necessary drivers:

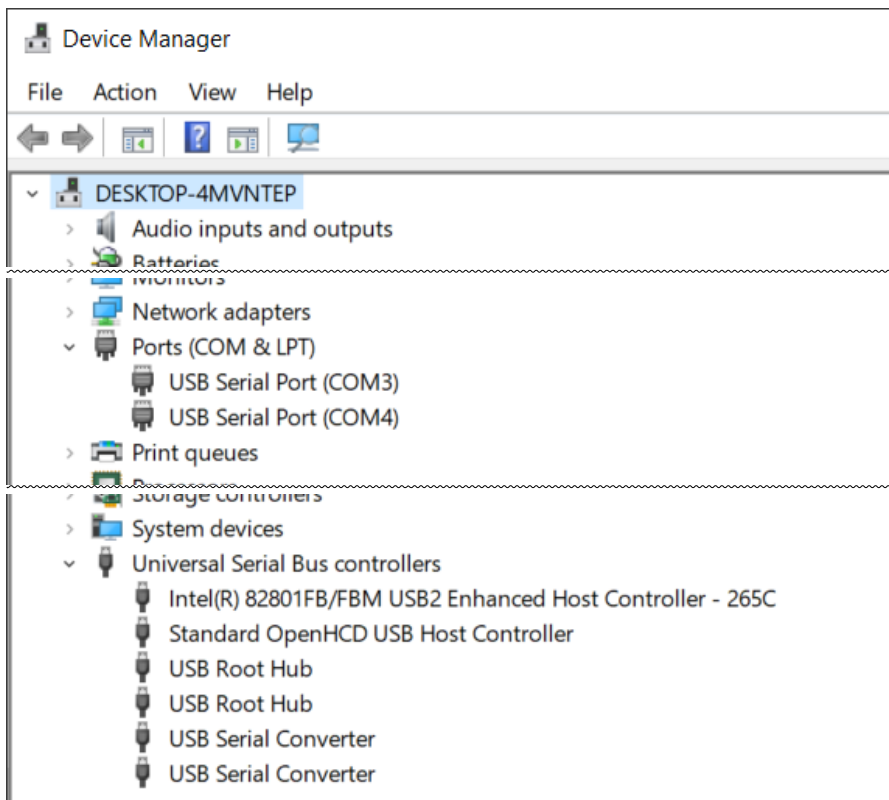


☞ *Windows 11 does not display any information during the installation of the device drivers. The installation can be checked using the Windows Device Manager; see the installation step "Device Manager"...*

- ➔ Finally, the installation success is displayed:



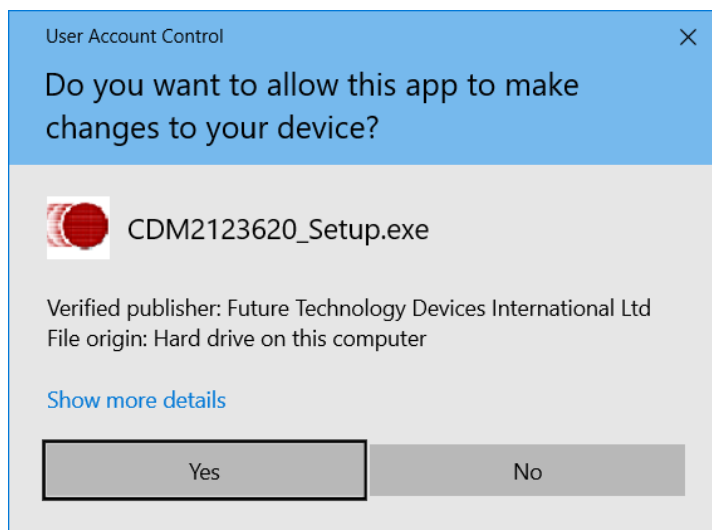
- ➔ The installation of the device drivers can be checked using the "Device Manager". Open the "Device Manager" and check if the USB Serial Port "COM 3" (or higher) and the "USB Serial Converter" are installed:



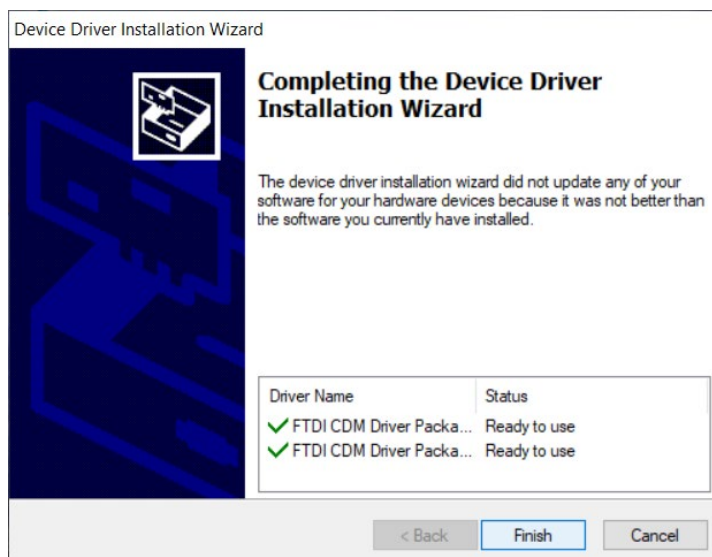
4.2 Manual installation of Windows device drivers

If the automatic installation was not successful under Windows 10/11, the Windows device driver published by the manufacturer "Future Technology Devices International (FTDI)" can be installed manually.

- ➔ Connect the included USB stick to your PC/notebook.
- ➔ Start the manual installation of the Windows device driver using the file "CDM2123620_Setup.exe" and allow the installation with "Yes":



- ➔ Confirm all subsequent installation steps until a success message is displayed indicating the successful installation:



5 Use of the FAFNIR USB Adapter

After installing the device driver, the FAFNIR USB Adapter can be used to check or configure the FAFNIR probes.



The FAFNIR USB adapter must not be used in potentially explosive atmospheres! The FAFNIR probes must only be connected to the FAFNIR USB Adapter outside the EX zone.



Before removing the FAFNIR probes, note their assignment, installation locations, and positions for later identical reinstallation.

Depending on the adapter type, the following applications are available on the supplied USB stick for checking or configuring the FAFNIR probes:

- (1) USB stick for FAFNIR USB Adapter (VISY):
 - Software VISY-Check
 - Software VISY-Density Configuration Tool
 - Windows 10/11 device drivers

- (2) USB stick for FAFNIR USB Adapter (TORRIX):
 - Software VISY-Check
 - Software TORRIX Configuration Tool
 - Windows 10/11 device drivers



**EU-Konformitätserklärung
EU Declaration of Conformity
Déclaration UE de Conformité**

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22525 Hamburg
Deutschland / Germany / Allemagne**

erklärt als Hersteller in alleiniger Verantwortung, dass das Produkt
declares as manufacturer under sole responsibility that the product
déclare sous sa seule responsabilité en qualité de fabricant que le produit

Kommunikationsadapter / Communication Adapter / Adaptateur de communication

USB-Adapter ...

den Vorschriften der europäischen Richtlinien
complies with the regulations of the European directives
est conforme aux réglementations des directives européennes suivantes

2011/65/EU	Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten	RoHS
2011/65/EU	Restriction of the use of certain hazardous substances in electrical and electronic equipment	RoHS
2011/65/UE	Limitation de l'utilisation de certaines substances dangereuses dans les équipements électriques et électroniques	RoHS
2014/30/EU	Elektromagnetische Verträglichkeit	EMV
2014/30/EU	Electromagnetic compatibility	EMC
2014/30/UE	Compatibilité électromagnétique	CEM

durch die Anwendung folgender harmonisierter Normen entspricht
by applying the harmonised standards
par l'application des normes

**RoHS / RoHS / RoHS
EMV / EMC / CEM**

**EN 50581:2012
EN 61326-1:2013**

Das Produkt ist bestimmt als Elektro- und Elektronikgerät der RoHS-
The product is determined as electrical and electronic equipment of RoHS
Le produit est déterminés comme des équipements électriques et électroniques de RoHS

Kategorie / Category / Catégorie

**Überwachungs- und Kontrollinstrumenten in der Industrie /
Industrial Monitoring and Control Instruments /
Instruments de contrôle et de surveillance industriels**

Das Produkt entspricht den EMV-Anforderungen
The product complies with the EMC requirements
Le produit est conforme aux exigences CEM

**Störaussendung / Emission / Émission
Störfestigkeit / Immunity / D'immunité**

**Klasse A / Class A / Classe A
Grundlegende elektromagnetische Umgebung /
Basic electromagnetic environment /
Environnement électromagnétique ordinaire**

Hamburg, 23.11.2016

Ort, Datum / Place, Date / Lieu, Date

Geschäftsführer / Managing Director / Gérant: René Albrecht



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