



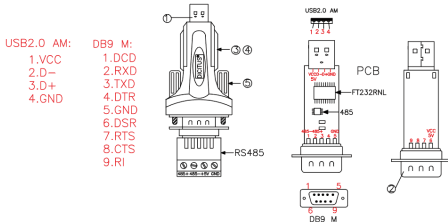
USB TO SERIAL ADAPTER



Manual

DA-70157 Rev.2

USB 2.0 to serial Converter RS485 incl. USB A Cable 80cm USB A M / USB A F



- Connect serial devices via USB port to a PC
- Enables the transfer of data between a PC and serial devices (machine controls, modems, sensors, and so on)
- Supports the RS-485 interface
- Includes USB extension cable
- Chipset: FTDI / FT232RLN
- Supports Windows 11, 10, 8.1, 8, 7, Vista, XP, Mac OS X and Linux
- For Windows 11, 10, 8 / 8.1 if there is network connection; driver will install automatically
- macOS 10.9 ~ 12 Natively driver-free. System includes the AppleUSBFTDI driver; genuine devices are recognized directly.

- macOS 13 / 14 (Ventura / Sonoma) Driver-free for genuine chips; manual installation required for clone chips. Security policies may block counterfeit devices. Install the official VCP driver and allow its loading in "Privacy & Security".
- macOS Apple Silicon (M1/M2/M3) Supported. Natively compatible with official drivers.

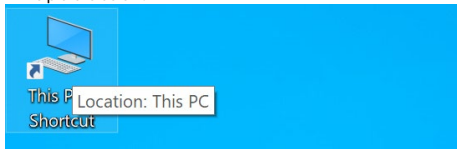
For Windows

Installing Drivers

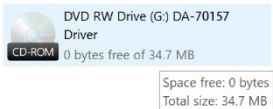
To install drivers for a DA-70157 device under Windows 11 10,8.1,8,7, follow the instructions below:

- Connect the device to a spare USB port on your PC.
- If there is an available Internet connection, Windows 10 will connect to the Windows Update website and install any suitable driver it finds for the device.
- If the automatic installation takes place there is no need to continue with the procedure outlined below.
- If no suitable driver is automatically found, then the following procedure should be followed. Press the Windows start button to bring up the start menu and select "Control Panel".
- If the automatic installation takes place there is no need to continue with the procedure outlined below.
- If no suitable driver is automaticity found, then the following procedure should be followed.

Insert the CD and double click to open this computer. As shown in the picture below:



Select the disc in the optical drive and open it.



Double click to run this program, click 'Yes'. Then click on 'Extract'



FTDI CDM Drivers

Click 'Extract' to unpack version 2.12.16 of FTDI's Windows driver package and launch the installer.

www.ftdichip.com

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Extract

Cancel

Then click on 'Next'.

Device Driver Installation Wizard



Welcome to the Device Driver Installation Wizard!

This wizard helps you install the software drivers that some computers devices need in order to work.

To continue, click Next.

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Next >

Cancel

Select 'I accept this agreement.'

Device Driver Installation Wizard

License Agreement



To continue, accept the following license agreement. To read the entire agreement, use the scroll bar or press the Page Down key.

**IMPORTANT NOTICE: PLEASE READ CAREFULLY BEFORE
INSTALLING THE RELEVANT SOFTWARE:**

This licence agreement (Licence) is a legal agreement between you (Licensee or you) and Future Technology Devices International Limited of 2 Seaward Place, Centurion Business Park, Glasgow G41 1HH, Scotland (UK Company Number SC136640) (Licensor or we) for use of driver software provided by the Licensor(Software).

BY INSTALLING OR USING THIS SOFTWARE YOU AGREE TO THE

☒ I accept this agreement

☐ I don't accept this agreement

Save As

Print

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Next >

Cancel

Click "Next", then click "Finish" to complete the installation.



Completing the Device Driver Installation Wizard

The device driver installation wizard did not update any of your software for your hardware devices because it was not better than the software you currently have installed.

Driver Name	Status
✓ FTDI CDM Driver Packa...	Ready to use
✓ FTDI CDM Driver Packa...	Ready to use

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Finish

Cancel

Press the Windows start button to bring up the start menu, and select "Device Manager".

Apps and Features

Mobility Centre

Power Options

Event Viewer

System

Device Manager

Network Connections

Disk Management

Computer Management

Windows PowerShell

Windows PowerShell (Admin)

Task Manager

Settings

File Explorer

Search

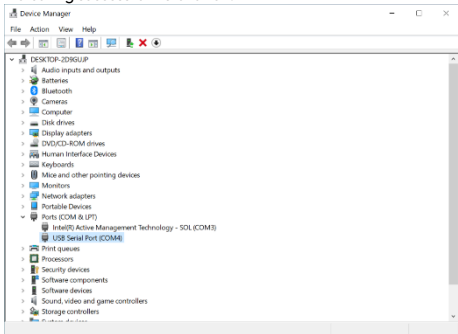
Run

Start

Shut down or sign out



Click on 'Device Manager' and 'USB Serial Port' will appear, indicating successful installation.



NOTE:

Not all devices will be installed to COM3. The COM port allocation is determined by the installation wizard based on the next free com port as designated in the PC registry.

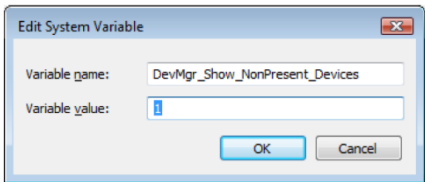
This stage is done twice. Once for the device under Ports (COM & LPT) and once for the device under Universal Serial USB

Controllers. Windows 2000, XP and Server 2003 do not have this check box, so driver files and OEM INF and PNF files must be removed manually or by using a custom application.

Some points to note about the new un-installation method:

If the files are deleted while other installed devices still require them those devices will not work correctly. This can be fixed by right clicking the device and selecting "Reinstall Driver" which will replace the missing files. If a device uninstalled is not connected to the PC, the device can still be removed by setting the device manager to show phantom devices. This also allows a virtual COM port to be uninstalled if the bus layer has been removed first.

To display phantom devices in Device Manager, a new system variable is required. Open "Control Panel > System" then select the "Advanced" tab and click "Environment Variables". In the System Variables section (**NOT THE USER VARIABLES SECTION**), click "New..." to display the following window:



Create a new System Variable called "DevMgr_Show_NonPresent_Devices" and set the value to 1, then click OK.

Open the Device Manager ("Control Panel > System", then select the "Hardware" tab and click "Device Manager...", or "Control Panel > Device Manager" in Windows 7) and select "View > Show Hidden Devices". Device Manager will then show all hidden and phantom devices available on that PC as shaded.

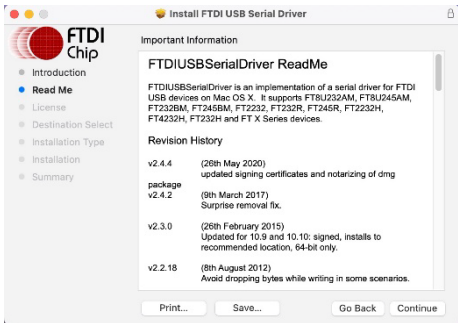
If you are certain of the source of the driver the warning can be ignored and you can continue installation by selecting "Install this driver software anyway".

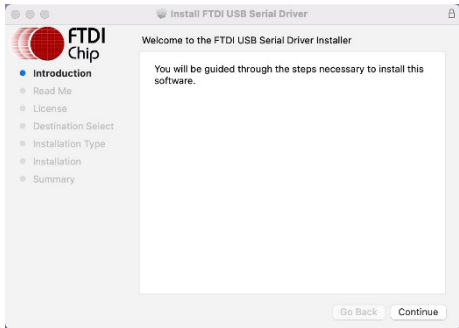
If you are unsure about the driver pls contact your vendor.

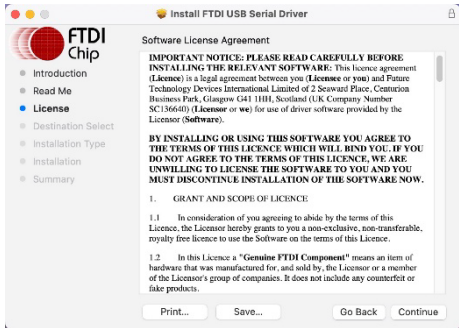
For Mac OS:

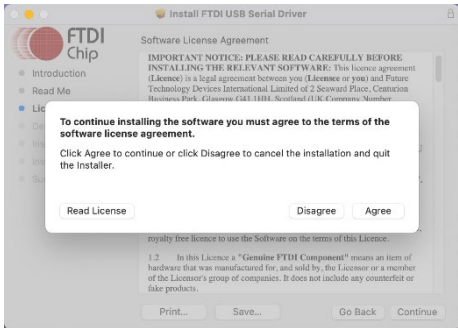
Installing USB Serial Driver

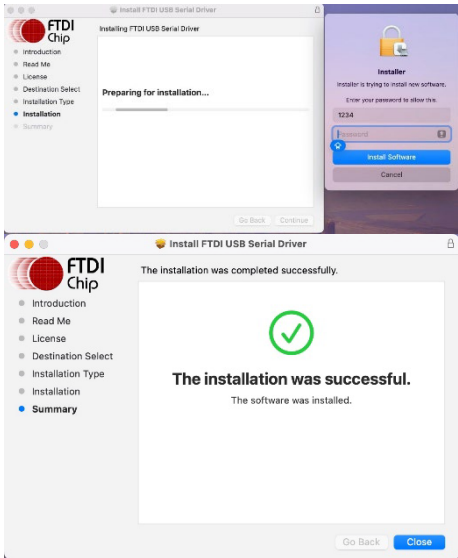
Here below are the steps.











Using:

1. Power on your computer and make sure that the USB port is enabled and working properly.
2. Insert CD Driver of this product to the CD-ROM
3. Connect the device to a USB port on your PC
4. Connect the Serial device to the product
5. Please open the User Manual file, then follow the steps to install the driver.
6. Application:



PC

USB2.0 to RS485

Device with RS485

Hereby Assmann Electronic GmbH declares that the Declaration of Conformity is part of the shipping content. If the Declaration of Conformity is missing, you can request it by posting under the below mentioned manufacturer address.

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