



CANUSB

Windows XP Driver Installation Guide

Direct Driver (D2XX)



CANUSB_drinst_d2xx.pmd

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Version 1.0A

CANUSB - Driver Installations - Direct Driver (D2XX)

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Installing CANUSB D2XX Drivers

The **LAWICEL CANUSB** uses FT245BM from FTDI but has it's own PID (FFA8) so you need to download the drivers from the www.canusb.com site and not from the FTDI web site. We only show how Windows XP works since it is the most common OS used in the windows world. However if you have other windows versions, please look at the FTDI website www.ftdichip.com for installation instructions. They are similar to our instructions, though more in general. However use our driver package from www.canusb.com

To Install D2XX drivers for CANUSB under Windows XP, follow the instructions below:

If a CANUSB has been installed on your machine before and the drivers that are about to be installed are different from those installed already (i.e. a CANUSB uses VCP and you want to install D2XX), the original drivers need to be uninstalled (You can not use both type of drivers for the CANUSB on the same PC, you need to select either VCP or D2XX). Please refer to the Uninstalling CANUSB section of this document for further details of this procedure.

Download the latest available D2XX drivers from the CANUSB website and unzip them to a location on your PC.

If you are running Windows XP or Windows XP SP 1, temporarily disconnect your PC from the Internet. This can be done by either removing the network cable from your PC or by disabling your network card by going to the "Control Panel\Network and Dial-Up Connections", rightclicking on the appropriate connection and selecting "Disable" from the menu. The connection can be re-enabled after the installation is complete. This is not necessary under Windows XP SP 2 if configured to ask before connecting to Windows Update. Windows XP SP 2 can have the settings for Windows Update changed through "Control Panel\System" then select the "Hardware" tab and click "Windows Update".

Connect the CANUSB to a spare USB port on your PC. Information will be shown that Windows XP has found a new hardware, see picture below.

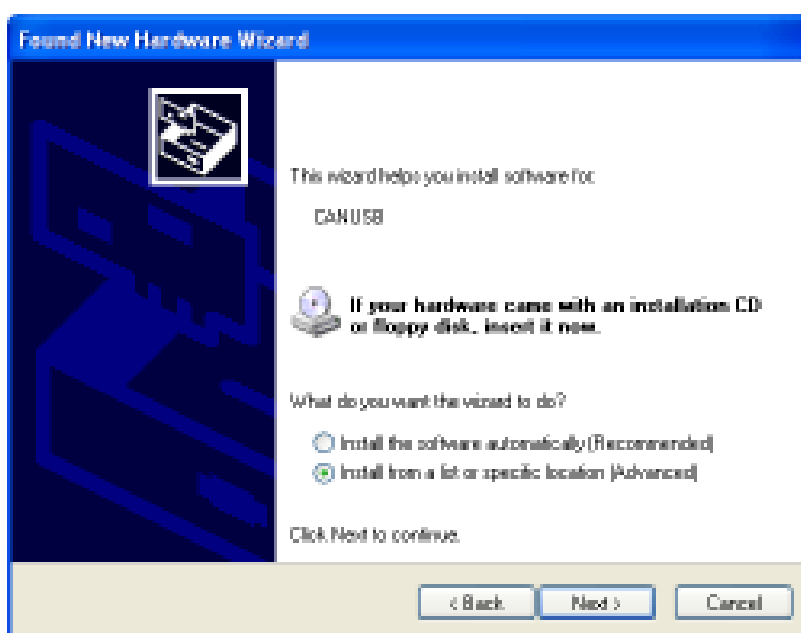


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This will then launch the Windows Found New Hardware Wizard. If there is no available Internet connection or Windows XP SP 2 is configured to ask before connecting to Windows Update, the screen below is shown. Select "No, not this time" from the options available and then click "Next" to proceed with the installation. If there is an available Internet connection, Windows XP will silently connect to the Windows Update website and install any suitable driver it finds for the device in preference to the driver manually selected.

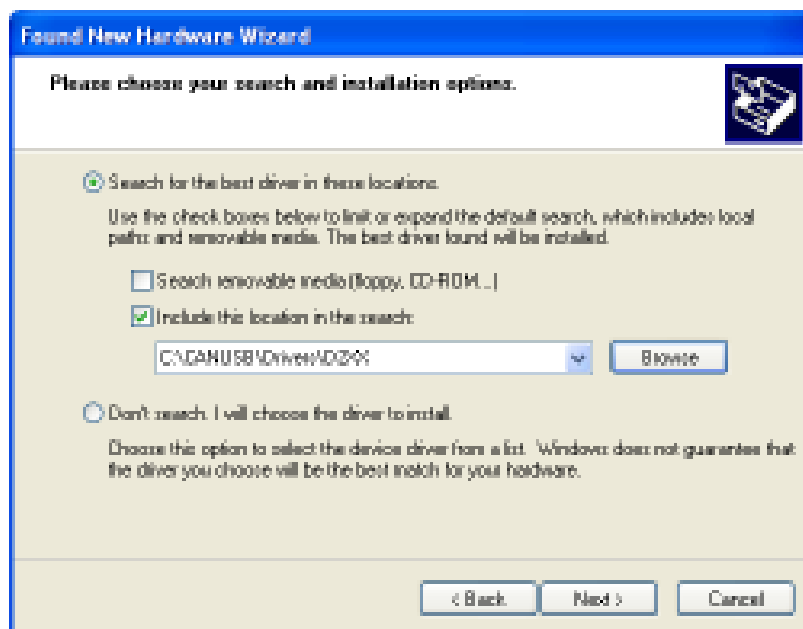


Select "Install from a list or specified location (Advanced)" as shown below and then click "Next".

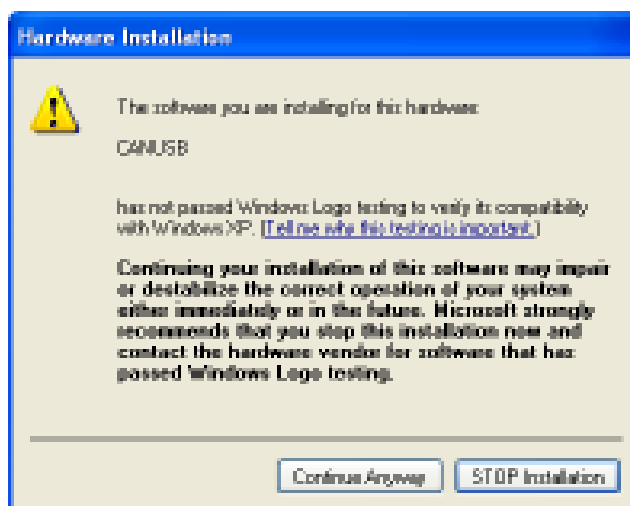


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Select "Search for the best driver in these locations" and enter the file path in the combo-box ("C:\CANUSB\Drivers\D2XX" in the example below) or browse to it by clicking the browse button. Once the file path has been entered in the box, click next to proceed (note that this path is a sample and you may have put this location elsewhere).



If Windows XP is configured to warn when unsigned (non-WHQL certified) drivers are about to be installed, the following screen will be displayed. Click on "Continue Anyway" to continue with the installation. If Windows XP is configured to ignore file signature warnings, no message will appear.



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The following screen will be displayed as Windows XP copies the required driver files.



Windows should then display a message indicating that the installation was successful. Click "Finish" to complete the installation. The device is now ready for use.

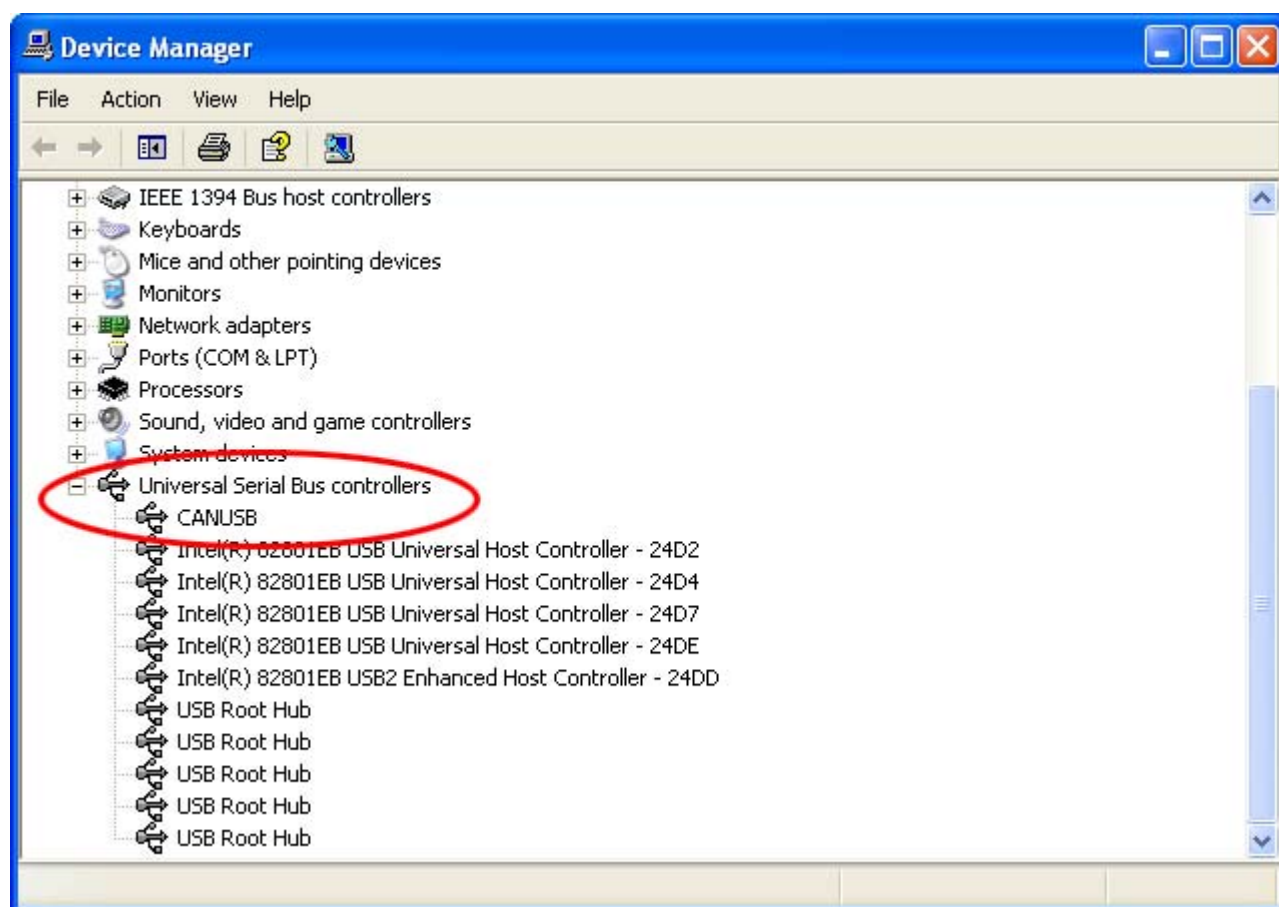


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After clicking on the "Finish" button a notification in the lower right corner is shown to inform you that the CANUSB is ready to use.



To verify that it has been installed, open the Device Manager (located in "Control Panel\System" then select the "Hardware" tab and click "Device Manager") and select "View > Devices by Type". The device appears as a CANUSB Device connected to a USB port.



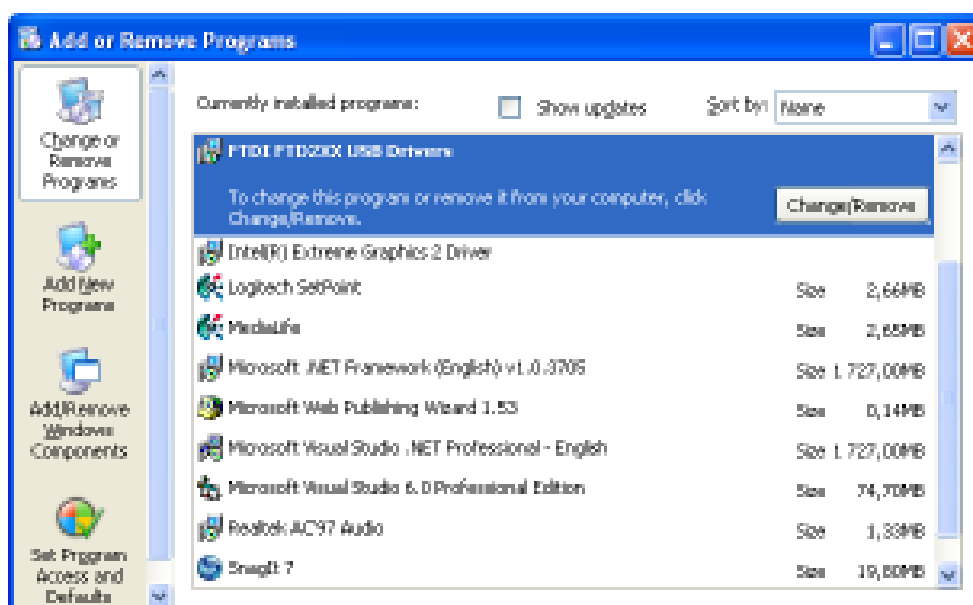
Uninstalling CANUSB D2XX Drivers

When uninstalling devices from Windows XP, it should always be done through the Add/Remove Programs utility as this uses the FTDI driver uninstaller program to remove files and registry entries to leave a clean system. Other methods may leave fragments of the driver that may interfere with future installations.

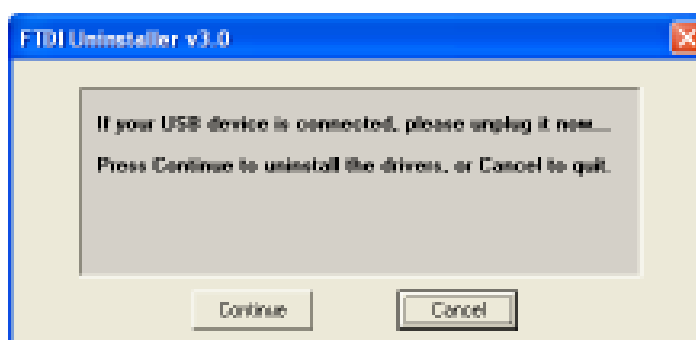
To uninstall D2XX drivers for CANUSB devices, follow the instructions below:

Disconnect any CANUSB devices that are attached to the PC.

Open the Add/Remove Programs utility located in "Control Panel\Add/Remove Programs". Select "FTDI FTD2XX USB Drivers" from the list of installed programs.



Click the "Change/Remove" button. This will run the FTDI uninstaller program. Click "Continue" to run the uninstaller or "Cancel" to exit.



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When the uninstaller has finished removing the device from the system, the caption on the "Cancel" button will change to "Finish". Click "Finish" to complete the process.

