

This folder contains FTDI's USB_RS232 drivers for Windows 7 64 bit , Windows 7 32 bit and Windows XP.

The drivers are required for use with either of the following two product types:

1. D37215805 Edwards Interface Kit: USB/PUMP RS232

That kit includes this Edwards product

D49951139 Edwards Cable Assembly: PC USB TYPE A plug _ PUMP RS232 5W XLR plug

**2. US232R-10 FTDI PREMIUM USB-SERIAL CONVERTER (10CM LONG)
US232R-100 FTDI PREMIUM USB-SERIAL CONVERTER (100CM LONG)**

The above two cables are FTDI products. They are not supplied by Edwards but either cable can be used with **D37215810 Edwards Interface Kit: SLTA-10 PUMP LON** to connect a PC USB port to the 9 way D-SUB RS232 port of an SLTA-10.

The Echelon SLTA-10, which is also not supplied as part of the kit can be ordered directly from Echelon's on-line store at:

http://store.echelon.com/network_interfaces.asp

or from some Echelon product distributors.

The cables, whose part-numbers are ES-U-1001-R10 and ES-U-1001-R100 respectively can be ordered directly from the FTDI on-line shop

<http://apple.clickandbuild.com/cnb/shop/ftdichip>

or from distributors such as DigiKey, Farnell, Mouser and RS Components.

In Windows 7 64 bit, install the FTDI drivers by running the “Edwards USB Drivers_x64_2.12.16.0.exe” executable file.

In Windows 7 32 bit and Windows XP, install the FTDI drivers by running the “Edwards USB Drivers_x86_2.12.16.0.exe” executable file.

NOTE: The USB_RS232 drivers must be installed BEFORE plugging in a D37215805 or US232R-x adapter

This will install version 2.12.16* of the FTDI USB – serial driver, which will replace any previously installed version. The driver is compatible with all versions of Windows 7.

*** This is the latest release, as of 6th June 2016. Please be aware that the FTDI products may be supplied with their own mini CD-ROM containing an older version of the FTDI driver. Do not use older versions, which may have some known issues that have subsequently been fixed in the newer release.**

Before using the above cables with an Edwards product, it is important to ensure that a setting known as the ‘Latency Timer’ is set to an Edwards-approved value of 2 mS.

Windows 7 users should take the following steps to check and set the Latency Timer:

Go to the Start menu, select ‘Devices and Printers’

Right-click on the installed new device and select Properties

On the hardware tab, select the serial port from the Device Functions list

Select Properties

From the Serial port Properties page, select the Port Settings tab

Go to ‘Advanced’ and set the Latency Timer to 2mS

Select ‘OK’ on all open windows

The port is now ready for use

Please refer to section 3.3 in Instruction Manual D372-15-860 (USB / RS232 & SLTA) for specific setup instructions relating to use with LON based pumps such as iQ and some early iH variants