

USB Serial Adaptor - Windows Driver Installation Guide

Automatic Installation of the Driver - Windows

Plug the cable into a free USB socket in your computer. Wait for quite some time, several minutes sometimes, until Windows has finished trying to find and install the driver.

With the adaptor plugged into the computer, open "Device Manager" by tapping the Windows Key and starting to type "Device Manager" until you see Windows pick it for you, then press "Enter" or use the mouse pointer to select.

If the driver is already installed, the following information should be available:

```
✓ Ports (COM & LPT)
USB-SERIAL CH340 (COM3)
```

At this point, you have successfully installed your Adaptor. ** Note the Com number in the brackets (in this example it is 3)

Skip to the end of this instruction for information on how to use the Adaptor.

If Ports (COM & LPT) are not visible, then the installation has not been successful. You will need to install manually as follows.

Manual Installation of the Driver

If you obtained your Adaptor from Quadbeam, a working driver was provided on a USB card, with your Adaptor. Alternatively, the latest driver should be available from the manufacturer online:

http://www.wch.cn/download/CH341SER_ZIP.html

Unplug the Adaptor and run the executable file: CH341SER

Check Ports(COM & LPT) as above.



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To use the Adaptor

Two of the RS485 wire ends are labelled "A" and "B". Connect "A" to "A" on the Adaptor, and "B" to "B". Also connect the blue to Ground and black to Power (5V) as shown in the diagram.

Plug in the Adaptor and launch the configurator - SWW_Configurator from the USB card provided.

The following will display:

	Manufacturer QB Model No S Series Software V 31 Serial 0006 Communications Running READ WRITE	Relay Output	HODE	
AVAILABLE COM PORTS COM3 MODBUS DEVICE ADDRESS		De-energised always		~
		Energised on PS value above Energised on PS value below	0	1
			0	
		Analogue Output CONTROL MODE Sensor error causes 22mA output		
		PS output value for 4mA	1000	1
Sensor Beading		PS output value for 20mA	10000	
PS value current 1336 Status OK				

- Select the appropriate COM port (as noted earlier)
- Enter the default Modbus Device Address 1