

Knowledge Base Document



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Title	USB to Serial Converter
Brief	Product recommendation for 'most suitable' USB to Serial Converter
Product(s)	Counter Recorder, Event Logger
Key words	USB, Serial, Converter, COM
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Originator	Justin McDonald
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DESCRIPTION:

Manufacturer: MANHATTAN Code: 205146
USB V1.1 Compliant
Supports Windows® 98/2000/ME/XP
Supports baud rates from 1,200 to 115.2 k
Connects an additional serial peripheral - suitable for Beonic products (Counter Recorder and Event Logger).



ACTION REQUIRED:

If without manufacturer's CD or latest driver, download USB to Serial Converter driver from the following link:
<http://www.manhattan-support.com/driver-mercury-usb.shtml>

PRECAUTIONS:

While this product has proven to be more reliable than others on the market for use with Beonic products, we do not guarantee its functionality nor endorse it as a preferred or exclusive product. Use of this product is at your own discretion.

WHAT TO DO:

1. Which version do you have?

There are 2 versions of this adapter. Version 1 has a white sticker on the DB9 plug with "UC232a" written on it. If you have this version, please download the correct driver from the above link.

Version 2 does not have that sticker. If you have version 2, please download the driver from the above link. Then you have to unzip the driver into a folder on your hard drive, i.e. c:\205146

2. Delete faulty components from the device manager

Open the device manager and locate the "?USB DEVICE". Select it and delete it from the list. Unplug the USB to RS232 adapter.

3. Reboot your computer

Do not connect the adapter at this time.

4. Installation of 205146

After the reboot you can re-connect the adapter to an USB port. The hardware wizard will show up and ask you how you want to proceed. Select "automatically locate ..." here. In the next screen specify the driver location, i.e. c:\205146. Click on <next> and the installation will take place.

5. Settings in the device manager.

Once the adapter is installed, it will show up in the device manager under COM and LPT devices. The adapters properties dialog, port settings lets you specify options for the new COM port, i.e. Data Transmission Rate, Data Bits, Flow Control and so on. The COM port assigned may be COM5. If so, and assuming that your PC already to physical ports of COM1 and COM2, you will need to change it down to either COM3 or COM4.

OTHER INFORMATION:

Traffic Pro Settings

Traffic Pro serial communication is limited to COM1, COM2, COM3 and COM4. Ensure that the assigned COM port for the converter is equal to one of these.