

INTRODUCTION: USBG-BAY4 4S RS232 to USB Multi Serial Adapter (w/ Metal Case) Installation Guide

Thank you for purchasing this RS232 to USB Multi Serial Adapter (USBG-BAY4). It is an intelligent expansion module that connects to a PC or server via the Universal Serial Bus (USB), providing high-speed serial connectivity. The serial ports are fully compatible with RS232 standard by the bundled virtual COM port drivers. With its rigid metal case and USB Screw Lock Mechanism, it is an ideal solution for most critical applications.

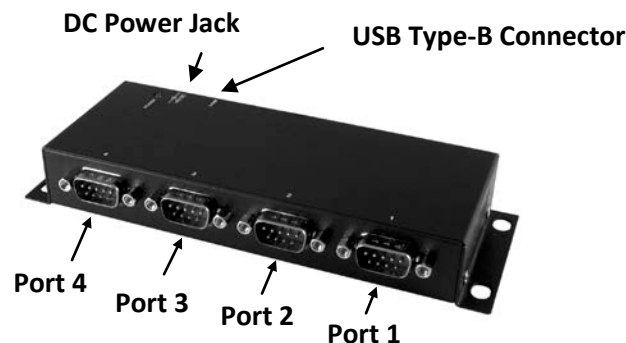


FEATURES:

- Provides 4S RS232 Serial Ports over USB Port
- Provides 4 DSUB-9 Connectors
- Baud Rate from 300 bps to 921.6Kbps
- Supports 7,8 Data Bits
- Odd, Even, Mark, Space, or None parity mode
- Supports 1, or 2 Stop Bits
- Supports USB Bus Power
- DC Jack for Optional DC 5V Power Input
- Optional Settings to Provide +5VDC power over pin#9 of the DB9 RS232 Connectors.
- Supports Optional DIN RAIL Mounting Brackets
- Supports Win98, Me, XP, CE, Win2000, 2003, Vista, Win 7 and 8.x

SPECIFICATIONS:

CONNECTOR LAYOUT



PLUGGING IN THE ADAPTER

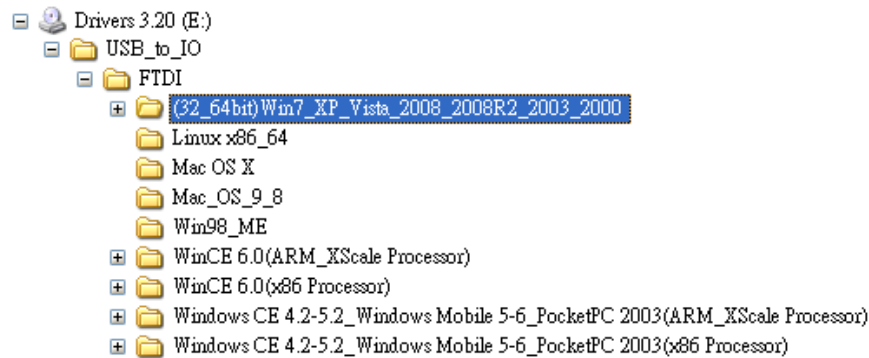
1. Plug the Type-A end of the USB cable into the USB host port of your PC or into an available USB port on a USB hub.
2. Plug the Type-B end of the USB cable into the back of this unit.
3. Proceed with the next section "Installing Drivers" to install the virtual COM port drivers for your Operating System.



The Adapter Cable can be hot-plugged to the USB port of your computer due to the specifications of USB. It supports the following operating systems. The drivers are shipped in the following folder on the supplied driver CD.

1. Driver Locations on the CD

These instructions are for installing the drivers from the CD supplied with the product. If you are installing drivers for Win98, ME, 2000 or XP, when prompted for the location of the drivers, specify your CD-ROM drive and the locations according to the following table:



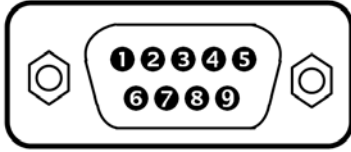
- **All Windows 32 and 64-bit**
- **Linux 32 and 64-bit**
- **Mac OS X**
- **Mac OS 9.x, 8.x**
- **Windows 98, 98SE, ME**
- **Windows CE for ARM**
- **Windows CE for ix86**

2. Installing Drivers for (32-bit and 64-bit) Win7, XP, Vista, 2008, 2003 and 2000:

- Insert the Driver CD supplied with the Adapter Cable.
- Run (or double click) the Installer Program (e.g. **CDM20600.exe**) in the following folder of the driver CD:
\USB_to_IO\FTDI\ (32_64bit)Win7_XP_Vista_2008_2008R2_2003_2000
- Follows the instructions of the installer program to complete the setup procedures.
- Plugging the Adapter Cable will hook the drivers into the Windows kernel automatically.

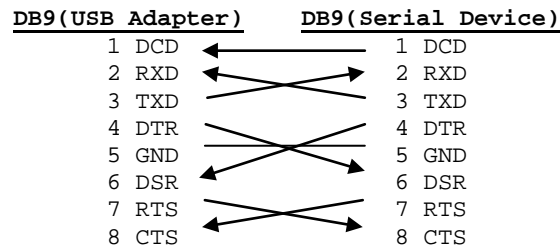


MALE DB-9 PIN ASSIGNMENT AND CABLE WIRING



<u>9 Pins</u>	<u>Signal</u>
1	DCD
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

DB9(Male) to DB9(Male) Wiring



ENVIRONMENTAL SPECIFICATIONS

Power requirements:	5V DC, 250mA (max)
Operating temp.:	0 to 55°C (32 to 131°F)
Operating humidity:	5 to 95% RH

