USB-232U & USB-485Ui

Features

- Add serial ports to any PC quickly and easily
- Operates at ANY baud rate up to 1Mbps
- Automatic turnaround capability
- UK designed & manufactured
- Automatic data-rate detection
- Compact size
- 3 year warranty

Description

The USB232U and USB485Ui serial communications converters provide legacy RS232 or RS485 interfaces on computers with USB support. Models available are:

USB232U	A non-isolated RS232 interface
USB485Ui	An isolated RS485 interface

All models are supported by third party Windows 98, 2000, XP, Vista and Linux drivers. Microsoft Windows drivers are distributed on the CD that accompanies the product. The Linux drivers are available as standard as part of the 2.4.0 kernel and above.

The Windows drivers are a superset of the Microsoft serial drivers and allow the devices to operate as standard serial ports. These drivers also allow the advanced features of the devices to be fully utilised by the application software. Each interface consists of a small unit which takes up to one USB unit load, 100mA, from the PC USB interface.

The RS485 ports have a link selectable "Half Duplex" mode that causes the transmit buffer to be enabled automatically, by the UART, whenever data is waiting to be sent from the UART transmit buffer.

Specification

Serial connector	DB9 male
Supply voltage	Powered from USB port
Power connector	n/a
Data rate	1Mbps maximum
Operating temperature	0 to +50°C
Storage temperature	-20 to +60°C
Dimensions	43 x 87 x 26mm (W x L x H)
Rx impedance	120 Ohm, jumper selectable

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