

USB to RS-232 / RS-422 / RS-485 Adapter

The USB to serial interface adapter offers an easy way to connect a DB9 serial device to a USB port. All configuration and electrical interface selections are handled through the driver, eliminating the need to open the enclosure to set jumpers or switches. The serial port is software configurable for RS-232, RS-422, and RS-485 with the electrical interface settings maintained locally, allowing the host computer to be repaired or upgraded without reconfiguring the serial port. Additionally, the adapter can be configured at one computer and deployed to other computers.

Features

- Full compliance with the USB Specification 2.0 & 1.1
- RS-232 / RS-422 / RS-485 (Echo mode / Bias resister / Terminal resister) set up by Windows application program
- Bus powered, no external power required
- Supports 32 Node on the network
- High data rate up to 230 kbps (RS-232) ~ 3 M Baud Rate (RS-422 or RS-485)
- $\pm 15\text{kV}$ HBM ESD Protected
- Compatible with Windows 98SE / ME / 2000 / XP / Vista / 7 / 8 or higher, Windows Server 2003 / 2008 / 2008R2 / 2012/2012R2, Win CE and Mac OS 8.6, Linux 1.5.0 or higher

Model No.		UTS-31DB	DB-9 Male Pin Assignment			
			RS-232		RS-422	RS-485
			Pin No.	Definition	Definition	Definition
Chip		FTDI	1	DCD	RX-	
Data Rate	RS-232	230 Kbps	2	RXD	TX+	D+
	RS-422 / RS-485	3 M Baud Rate	3	TXD	RX+	
LED		3	4	DTR	CTS-	
Connector	Host	USB Type A Male	5	GND	GND	GND
	Device	DB-9 Male	6	DSR	TX-	D-
USB Specification		USB 1.1 / 2.0 compliant	7	RTS	RTS+	
Housing		Plastic	8	CTS	CTS+	
Dimension (L x W x H)		66 x 39 x 20 mm	9	RI	RTS-	
Power Mode		Bus powered				

