USB to UART with +3.3V / +5V TTL voltage sensing Adapter

This USB to Serial UART (TTL level) adapter. It allows you to connect your computer through USB port and use it as a regular serial communication. All USB protocol is handled within this adapter. There is no other device or programming required.

The adapter is perfect for embedded systems that require a serial connection to a computer. The board attaches directly to the USB bus via a standard type A receptacle connector. It shows up on any Windows computer as a standard serial COM port. Any applications that talk to this COM port is automatically convert to USB and back to UART to your target board.

Features

➢ The Cable provides a USB to TTL Serial interface with various end connectors.
➢ Single board USB to asynchronous serial data transfer interface
➢ Entire USB protocol handled by the electronics in the cable USB
➢ UART interface support for 7 or 8 data bits, 1 or 2 stop bits and odd / even / mark / space / no parity
➢ Fully assisted hardware (RTS#/CTS#) or X-On / X-Off software handshaking.
➢ Data transfer rates from 300 baud to 3M baud at TTL levels.
➢ Cable features voltage reference input for setting UART signalling levels
➢ Transmit and receive LED
➢ Compatible with Windows 98SE / Me / 2000 / XP / Vista / 7 / 8 / 8.1/ 10 / 11; Windows Server 2003 / 2008 / 2008R2 / 2012 / 2012R2 / 2016 / 2019 / 2022 ; Mac OS 8.6 / 9.x / 10.x / 11.x / 12 ; Linux OS 3.2 or higher.

Specification

Model No.		UTS-TTL5P
Chips		FTDI
Compliant		USB Ver 2.0 &1.1
Connector	Upstream	USB Type A Male
	Device	5 Pin Header
Power Mode		Bus Powered
Cable Length		1.8m
Housing		Molding (PVC)

5 Pin Header Pin Assignment	
Pin 1	VCC
Pin 2	RXD
Pin 3	TXD
Pin 4	X
Pin 5	GND