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

- Fully Compliant with USB Specification 1.1 / 2.0.
- 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.
- Data transfer rates from 300 baud to 3 Mbaud at TTL levels.
- Cable features voltage reference input for setting UART signalling levels.
- Transmit and receive LEDs.
- 128 byte receive buffer and 256 byte transmit buffer utilizing buffer smoothing technology to allow for high data throughput.
- Compatible with Windows 98SE/Me/2000/XP/Vista/7/8/8.1/10/11; Windows Server 2003/2008/2008R2/2012/2012R2/ 2016/2019;Mac OS 8.6/9.x/10.x/11/12/13/14/15 ; Linux OS: Kernel 1.5.0 or higher.

Model No.		UTS-TTL5P	5 Pin Header Pin Assignment	
Chip		FTDI	Pin 1	VCC
Compliant		USB Ver 2.0 &1.1	Pin 2	RXD
Connectors	Upstream	USB Type A Male	Pin 3	TXD
	Device	5 Pin Header	Pin 4	NC
Power Mode		Bus Powered	Pin 5	GND
Environment	Operating Temp.	0 ℃ ~ 40 ℃		
	Storage Temp.	-10 ℃ ~ 60 ℃		
	Humidity	0~80% RH, Non-condensing		
Cable Length		1.8m