Gearmo® USB to UART with +3.3V TTL 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.

Drivers are available for Windows 98SE / ME / 2000 / XP / Vista / 7. Mac OS 8.6 / OS-9 / OS-X, Linux , Win CE, Win Server 2003 & Win Server 2008. and greater are supported.

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 3 Mbaud at TTL levels.
- +3.3V output allows external logic to be powered from the USB port
- Transmit and receive LEDs
- UHCI / OHCI / EHCI host controller compatible
- Low USB bandwidth consumption.

Model No.		GM-TTL3VT
Chips		FTDI
Compliant		USB Ver 2.0 &1.1
Connector	Upstream	USB Type A Male
	Device	6 Pin Header
Power Mode		Bus
Cable Length		1.8m
Housing		Molding (PVC)

6 Pin Header Pin Assignment

Pin 1	GND
Pin 2	CTS
Pin 3	VCC
Pin 4	TXD
Pin 5	RXD
Pin 6	RTS