

# RS232 Serial to USB Adapter Cable w/ DTE, DB9 Male Connector

## Installation Guide

### 1. Introduction

Thank you for purchasing this RS232 Serial to USB2.0 Adapter Cable with DB9 Male Connector (the "Adapter Cable"). It is an intelligent expansion cable that connects to a PC or server via the Universal Serial Bus (USB), providing high-speed serial connectivity. The serial port is fully compatible with RS232 DTE serial standard by the bundled virtual COM port drivers. With its compact size and exchangeable hex nut and screw connection options, it is an ideal and instant solution for most critical applications.

### 2. Connector Layout



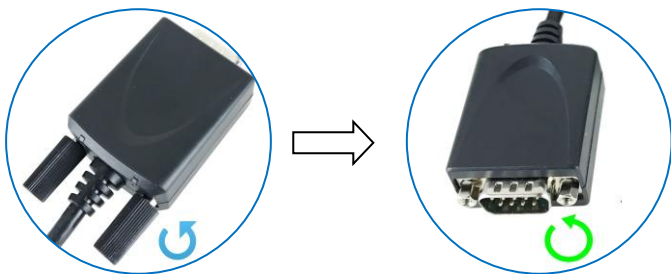
REF#: 1557

## Features:

- ✓ Provides 1 RS232 Serial Ports over USB Port
- ✓ Provides 1 DTE, DSUB-9 Male Connector with Exchangeable Screw and Hex Nut Option
- ✓ Supports USB2.0 Full Speed (12Mbps) Data Rate
- ✓ Baud Rate from 300 bps to 921.6Kbps
- ✓ Supports 7,8 Data Bits, 1 or 2 Stop Bits
- ✓ Odd, Even, Mark, Space, or None parity mode
- ✓ Supports USB Bus Power
- ✓ Supports TXD and RXD Activity LED Indicators
- ✓ Supports Win98, Me, XP, CE, Win2000, 2003, Vista, Win 7, 8.x, 10, 11, Linux and Mac OS

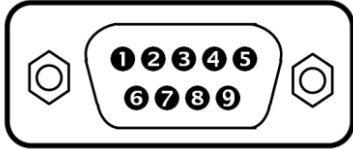
## 3. Plugging the Adapter Cable

1. Plug the USB Type-A end of the Adapter Cable into the USB host port of your PC or into an available USB port on a USB hub.
2. Connect the RS232 Serial Device to the DB9 male connector of the Adapter Cable.
3. In case the opposite side DB9 to connect has screws, then you may need to replace the 2 screws of this Adapter Cable with hex nuts to match it. Simply removing the screw by turning it counterclockwise while pulling it out, then install the hex nut in the front side.



4. Proceed with installing the device driver for your operating system.

## 4. Male DB9 Pin Assignments and Cable Wiring



<u>9 Pins</u>	<u>Signal</u>
1	DCD
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

### DB9(Male) to DB9(Male) Wiring

<u>DB9 (USB Adapter)</u>		<u>DB9 (Serial Device)</u>
1 DCD	←	1 DCD
2 RXD	↔	2 RXD
3 TXD	↔	3 TXD
4 DTR	↔	4 DTR
5 GND	↔	5 GND
6 DSR	↔	6 DSR
7 RTS	↔	7 RTS
8 CTS	↔	8 CTS

## 5. Environmental Specifications

**Power requirements:** 5V DC, 135mA (max)

**Operating temperature:** 0 to 55C (32 to 131F)

**Operating humidity:** 5 to 95% RH