

# USB to RS-422 & RS-485 Converter

Model # UTS-422TB and UTS-485TB

## Introduction

This converter is designed to make massive data communication become quick and simple through an USB port of PC. By taking the advantage of the feature of USB port and Serial port, it provides an easier and more convenient connectivity than ever for efficient and friendly interaction between RS-422 or RS-485 devices and your computer systems.

The interface of RS-422 and RS-485 are very common adopted in data acquisition world. Both standards feature reliable performance of full-duplex or half-duplex multi-drop communication network with faster data rates and longer communication distance than RS-232. Application devices include telecommunication units, LAN, data concentration, data multiplexers, ISDN, POS, industrial controls, etc.



## Features

- Connectivity of RS-422 or RS-485 devices and PC through USB port
- Short circuit and over-current protection
- Plug and play and hot-swapping
- No external power supply is required
- Supports data transmission at high rates over long distance (4,000 Ft.)
- Isolation protected
- Nullifies the effects of ground shifts and noise signals of the voltages on a network
- Supports USB 1.1 at full rate speed up to 12 Mbps
- Supports Windows 98/ME/2000/XP, Mac OS 8.6/9.X/10.X and Linux

## Package Content

- USB to RS422 or RS-485 converter with 1-M cable (pig-tail type)
- CD (Driver + User Manual)

## Specification

Model No.	UTS-422TB	UTS-485TB
Chips	FTDI	
Interface	RS-422	RS-485
Mode	Full-duplex-Multi-drop	Half-duplex-Multi-drop
Compliant	USB SPEC. 2.0/1.1	

<b>Connector</b>	<b>Upstream</b>	USB Type A Male
	<b>Device</b>	Shield*1 and Block Terminal*4
<b>Power Mode</b>		Bus
<b>Cable Length</b>		1M
<b>Housing</b>		PVC Molding