

# USB to RS-485 Adapter

USB to RS-485 adapter provides an extra serial com port via USB connection and can be configured to work with RS-485 peripherals such as POS and industrial controlled devices. The USB adapter supports an easy serial port expansion and requires no IRQ, DMA, or I/O port resources.

The USB adapter features a full set of RS-485 data and control signals on its DB-9. It supports data transfer rates of up to 3M baud. No external power supply is required as USB adapter takes its power from the USB bus.

## Features:

- Fully Compliant with USB specification 1.1 and 2.0.
- Allows up to 256 nodes on the bus.
- Supports  $\pm 15\text{kV}$  HBM ESD Protected.
- Supports data transfer rates up to 3M baud.
- 512 byte receive buffer and 512 byte transmit buffer utilizing buffer smoothing technology to allow for high data throughput.
- Supports remote wake-up and power-on-reset.
- Compatible with Windows XP / Vista / 7 / 8 / 8.1 / 10 / 11, Windows Server 2012 / 2012R2 / 2016 / 2019 / 2022 ; Mac OS 10.3 to 10.15 / 11 / 12 / 13; Linux OS 3.2 or higher.

## Specification

Model No.		UTS-485XS		Pin Assignment	
Chip		FTDI			
Data Transfer Rates		Up to 3M baud		Pin No.	DB-9 Male ( Definition )
Power Consumption		56mA			
LED		3		1	B-
Environment	Operating Temp.	0℃ - 40℃		2	A+
	Storage Temp.	-20℃ - 60℃		3	
	Humidity	0~80% RH, Non-condensing		4	
Connector	Host	USB A Male		5	GND
	Device	DB-9 Male (Hex Nut)		6	
Power Mode		Bus powered		7	
Cable Length		1.1m		8	
Housing		Plastic		9	

