USB to RS-422 Adapter

USB to RS-422 adapter provides an extra serial com port via USB connection and can be configured to work with RS-422 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-422 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.

➢ Supports ±15kV 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-422XS	Pin Assignment	
Chip		FTDI		
Data Transfer Rates		Up to 3M baud	Pin No.	DB-9 Male (Definition)
Power Consumption		56mA		
LED		3	1	TX-
Environment	Operating Temp.	0℃ - 40℃	2	TX+
	Storage Temp.	-20℃ - 60℃	3	RX+
	Humidity	0~80% RH, Non-condensing	4	RX-
Connector	Host	USB A Male	5	GND
	Device	DB-9 Male (Hex Nut)	6	RTS-
Power Mode		Bus powered	7	RTS+
Cable Length		1.1m	8	CTS+
Housing		Plastic	9	CTS-