USB to RS-422 Adapter with Terminal Block Changer

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 or terminal block changer. It supports data transfer rates of up to 3M baud. It receives full power via the host USB connection, and provides power to the attached serial device without requiring an external power adapter.

Feature

➢ Fully Compliant with USB specification 1.1 / 2.0
➢ Supports ±15kV HBM ESD Protected
➢ Supports data transfer rates up to 3M baud
➢ Supports remote wake-up and power-on-reset
➢ Changer adapter from DB-9F to 7 Pins Terminal block
➢ 512 byte receive buffer and 512 byte transmit buffer utilizing buffer smoothing technology to allow for high data throughput
➢ 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 ; Linux OS 3.2 or higher

Specification

Model No.		UTS-422X+ DT422C	Pin Assignment		
Chip		FTDI			
Data Transfer Rates		Up to 3 M baud	Pin No.	DB-9M	Terminal Block
Power Consumption		56mA			
LED		3	1	TX-	TX+
Environment	Operating Temp.	0℃~40℃	2	TX+	RX+
	Storage Temp.	-20℃~60℃	3	RX+	TX-
	Humidity	0~80% RH, Non-condensing	4	RX-	RX-
Connector	Host	USB A Male	5	GND	GND
	Device	DB-9M / DB-9F to Terminal Block	6	120Ω	120Ω
Power Mode		Bus powered	7		
Cable Length		1m	8		
Housing		Plastic	9		