2 Port USB to RS232 RS422 RS485 Serial Adapter with COM Retention

Product ID: ICUSB2324852

The ICUSB2324852 2 Port USB to RS232 RS422 RS485 Serial Adapter with COM Retention lets you connect every type of serial device to your USB-enabled computer, whether it be for RS232, RS422, or RS485 communication. The adapter features a 9-pin (DB9) male and a 5-pin terminal block serial connector as well as dip-switch controls for easy port configuration with minimal software requirements. The adapter also supports using 2 ports simultaneously, including with mixed protocols; for example RS-232 on port 1, and RS-485 on port 2, or a number of other combinations.

For a convenient, and clean installation in office or industrial settings, the RS232/RS422/RS485 USB Adapter is wall-mountable and fully powered via the host USB connection, providing power to the attached serial device without requiring an external power adapter.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Adapting and expanding POS systems

• Great for Industrial programmers looking to test new code with serial devices

• Connect serial RS232, RS422, or RS485 devices to notebooks or tablet PC's through the USB port

• Perfect for controlling, monitoring, and diagnosing manufacturing machines (CNC, Process Control Equipment, Bar Code Scanners, Serial Printers)

• Security device control (key panels, cameras, card readers)

Features

• Backwards compatible with USB 1.1

• Both ports can function simultaneously with mixed or matched communication protocols

• USB-powered; No additional external power adapter required

• Includes a bracket for wall mounting the USB to Serial adapter

• Features rugged screw-lock USB port to ensure cords are not accidentally disconnected

• Ability to rename devices for easy recognition

• COM Port assignments maintained after reboot

• Port 1 (DB9) configurable for RS232, RS422, or RS485; Port 2 (Terminal Block) configurable for RS422 or RS485

• Multiple interface modes, including: 4 wire RS422(TxD+/-, RxD+/-), and 2 wire RS485 (DATA+, DATA-)

• Supports RS-485 Auto Transceiver Turn Around by Unique Featured ATTA Hardware

• External power adapter can be used (not required) if your device needs extra power beyond what the USB host can provide

• Transmission Echo for RS485 collision detection

• USB to 2 Port Straight-Through RS232/422/485 Serial Adapter

---

Hardware

Warranty	2 Years
Ports	2
Interface	Serial
Bus Type	USB 2.0
Port Style	External Hub
Chipset ID	FTDI - FT2232H

Performance

Serial Protocol	RS-232/422/485
Max Baud Rate	921.6 Kbps
Data Bits	7, 8

FIFO	128 Bytes	
Flow Control	Xon/Xoff, Hardware, and None	
Parity	Odd, Even, Mark, Space, and None	
Stop Bits	1, 2	

Connector(s)

Connector Type(s)	USB Type-A (4 pin) USB 2.0
External Ports	DB-9 (9 pin, D-Sub)
	Terminal Block (5 Wire)

Software

OS Compatibility	Windows CE (4.2, 5.0, 6.0), XP Embedded, 98SE, 2000, XP, Vista, 7, 8, 8.1, 10
	Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019
	macOS 10.6 to 10.15, 11.0
	Linux 2.4.x to 4.4.x <i>LTS Versions only</i>

Indicators

LED Indicators	Red - Power LED

Power

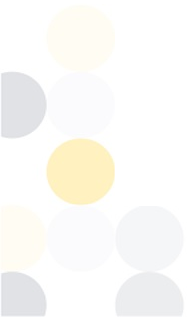|	
Power Source	Not Included (not required for standard applications)
Output Voltage	5 DC
Output Current	0.385A
Center Tip Polarity	Positive
Plug Type	B

Environmental

Operating Temperature	0C to 55C (32F to 131F)
Storage Temperature	-20C to 85C (-4F to 185F)
Humidity	5~95% RH

Physical Characteristics

Color	Gray

Material	Plastic	
Product Length	3.2 in [82.3 mm]	
Product Width	1.7 in [44.2 mm]	
Product Height	0.9 in [23.2 mm]	
Weight of Product	10.6 oz [300 g]	

Packaging Information

Package Length	8.2 in [20.8 cm]	
Package Width	5.7 in [14.4 cm]	
Package Height	1.6 in [40 mm]	
Shipping (Package) Weight	10.9 oz [310 g]	

What's in the Box

Included in Package	Wall mounting bracket	
	USB to RS232/RS422/485 Adapter	
	USB A to B Cable	
	Driver CD	
	Installation Guide	

*Product appearance and specifications are subject to change without notice.