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

StarTech 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.

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
- USB-powered; No additional external power adapter required
- Both ports can function simultaneously with mixed or matched communication protocols
- 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

Hard-to-find made easy®

Technical Specifications

Warranty	2 Years
Ports	2
Interface	Serial
Bus Type	USB 2.0
Port Style	External Hub
Chipset ID	FTDI - FT2232H
Connector Type(s)	1 - USB A (4 pin) Male
External Ports	1 - DB-9 (9 pin; D-Sub) Male
External Ports	1 - Terminal Block (5 Wire)
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
OS Compatibility	Windows® 8 / 8.1 (32/64bit), 7 (32/64), Vista (32/64), XP (32/64), XP Embedded, CE 6.0/5.0/4.2, 2000, PocketPC 2003, Mobile 6/5, ME, 98SE Windows Server® 2012, 2008 R2, 2003 Mac OS® 10.x (Tested up to 10.10), 9.8 Linux 2.4.x and up
Color	Gray
Enclosure Type	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]
Product Weight	10.6 oz [300 g]
LED Indicators	1 - Red - Power LED
Power Source	Not Included (not required for standard applications)
Output Voltage	5 DC
Output Current	0.385A
Center Tip Polarity	Positive

Plug Type	B
Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Humidity	5~95% RH
Shipping (Package) Weight	10.9 oz [310 g]
Included in Package	1 - Wall mounting bracket
Included in Package	1 - USB to RS232/RS422/485 Adapter
Included in Package	1 - USB A to B Cable
Included in Package	1 - Driver CD
Included in Package	1 - Installation Guide

Certifications, Reports and Compatibility