

6 ft Professional RS422/485 USB Serial Cable Adapter w/ COM Retention

Product ID: ICUSB422



The ICUSB422 6ft Professional RS422/485 USB Serial Cable Adapter with COM Port Retention lets you connect RS422 or RS485 serial devices to your USB-enabled computer. The adapter features a 9-pin (DB9) male serial connector as well as dipswitch controls for easy port configuration, and requires minimal software.

The serial adapter is USB-powered, eliminating the aggravation of requiring an external power adapter. With COM port retention, assigned port settings are saved, so you can disconnect and reconnect the adapter with virtually no configuration required on the host computer.

The ICUSB422 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Ideal for connecting serial RS422/485 devices to notebooks or tablet PC's through an available USB port

- Perfect for controlling/diagnosing manufacturing machines(CNC, Process Control Equipment, Bar Code Scanners, Serial Printers)
- Security device control (key panels, cameras, card readers)
- Great for Industrial programmers looking to test new code with serial devices
- Adapting and expanding POS systems
- Communicating with test and monitoring equipment.
- Connect and program LED and Digital signage boards with serial communication ports

Features

- USB to Straight-Through RS422/485 Serial Adapter
- Supported baud rates from 300bps to 921.6 Kbps
- Being able to rename devices no matter how many are plugged in
- Supports COM Port retention
- Configurable port for RS422 or RS485 support
- Supports RS-485 Auto Transceiver Turn Around by Unique Featured ATTA Hardware
- Backwards compatible with USB 1.1
- Integrated adapter and cable eliminates the need for additional cables
- Two interface modes; 4 wire RS422(TxD+/-, RxD+/-), and 2 wire RS485 (DATA+, DATA-)
- 120 OHM terminator that can be Enabled/Disabled by DIP switch
- Transmission Echo for RS485 collision detection

Hardware

Warranty	2 Years
Ports	1
Interface	Serial
Bus Type	USB 2.0
Port Style	Cable Adapters
Chipset ID	FTDI - FT232RL

Performance

Serial Protocol	RS-422/485
Max Baud Rate	921.6 Kbps
Data Bits	7, 8
FIFO	256 Bytes
Parity	Even, Odd, None
Stop Bits	1, 2

Connector(s)

Connector Type(s)	1 - USB 2.0 Type-A (4 pin, 480Mbps)
External Ports	1 - DB-9 (9 pin, D-Sub)

Software

OS Compatibility	Windows CE (4.2, 5.0, 6.0), XP Embedded, 98SE, 2000, XP, Vista, 7, 8, 8.1, 10, 10 ARM, 11, 11 ARM Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022 macOS 10.6 to 10.15, 11.0, 12.0, 13.0, 14.0 Linux Kernel 3.0.x and up - <i><i>LTS Versions only</i></i>
Microsoft WHQL Certified	Yes

Environmental

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

Physical Characteristics

Color	Black
Material	Plastic
Cable Length	6.0 ft [1.8 m]
Product Length	1.8 in [45 mm]

Product Width	1.6 in [4.1 cm]
Product Height	0.9 in [2.2 cm]
Weight of Product	3.5 oz [100 g]

Packaging Information

Package Quantity	1
Package Length	8.0 in [20.4 cm]
Package Width	5.7 in [14.6 cm]
Package Height	1.6 in [4.0 cm]
Shipping (Package) Weight	7.1 oz [202.0 g]

What's in the Box

Included in Package	1 - USB to RS422/485 Serial Adapter
	1 - Driver CD
	1 - Installation Guide

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