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

StarTech ID: ICUSB422

The ICUSB422 6 ft 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 RS422/RS485 USB Adapter is fully powered via the host USB connection and provides power to the attached serial device without requiring an external power adapter. COM Port Retention saves the assigned port settings, allowing you to disconnect and re-connect the adapter with little to no configuration required on the host computer.

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

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

Technical Specifications

Warranty	2 Years
Ports	1
Interface	Serial
Bus Type	USB 2.0
Port Style	Cable Adapter
Chipset ID	FTDI - FT232RL
Connector Type(s)	1 - USB A (4 pin) Male
External Ports	1 - DB-9 (9 pin; D-Sub) Male
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
OS Compatibility	Windows® 8 / 8.1 (32/64bit), 7 (32/64), Vista (32/64), XP (32/64), 2000, 98SE, XP Embedded, CE (4.2+) Windows® Server 2012, 2008 R2, 2003 Mac OS® 10.x (Tested up to 10.10) Linux 2.4.x / 2.6.x
Microsoft WHQL Certified	Yes
Color	Black
Enclosure Type	Plastic
Cable Length	6 ft [1.8 m]
Product Length	1.8 in [45 mm]
Product Width	1.6 in [41.5 mm]
Product Height	0.9 in [22.1 mm]
Product Weight	3.5 oz [100 g]
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	0.5 lb [0.2 kg]
Included in Package	1 - USB to RS422/485 Serial Adapter

Included in Package   1 - Driver CD
Included in Package   1 - Installation Guide

Certifications, Reports and Compatibility