

6 ft 1 Port Professional USB to RS422 RS485 Serial Cable Adapter

StarTech ID: ICUSB422



The ICUSB422 USB Serial Adapter Cable lets you connect RS422 serial 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.

Applications and Solutions

- 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.

Features

- 120 OHM terminator that can be Enabled/Disabled by DIP switch
- Backwards compatible with USB 1.1
- Being able to rename devices no matter how many are plugged in
- COM Port assignments maintained after reboot
- Combination adapter and cable eliminates the need for additional cables
- Configurable port for RS422 or RS485 support
- Data Bits: 7,8
- Parity support: None, Even, Odd
- Stop Bits: 1,2
- Supported baud rates from 300bps to 921.6 Kbps
- Supported OS: Windows 98SE/ME/2000/XP/2003/Vista/7, and Linux
- Supports RS-485 Auto Transceiver Turn Around by Unique Featured ATTA Hardware
- Transmission Echo for RS485 collision detection
- Two interface modes; 4 wire RS422(TxD+/-, RxD+/-), and 2 wire RS485 (DATA+, DATA-)

Technical Specifications

- Chipset ID: FTDI - FT232RL
- Color: Black
- Connector Types: 1 - DB9 Male
- Connector Types: 1 - USB A Female
- Product Height: 0.87 in [2.21 cm]
- Humidity: 5% to 95% RH
- Product Length: 70 in [177.8 cm]
- Number of Ports: 1
- Operating Temperature: 0°C to 55°C (32°F to 131°F)
- Carton Quantity: 50
- Storage Temperature: -20°C to 85°C (-4°F to 185°F)
- Shipping (Package) Weight: 0.44 lb [0.2 kg]
- Product Weight: 3.53 oz [100 g]
- Product Width: 1.63 in [4.15 cm]