

1 Port Metal Industrial USB to RS422/RS485 Serial Adapter w/ Isolation

StarTech ID: ICUSB422IS



The ICUSB422IS 1 Port Metal Industrial USB to RS422/RS485 Serial Adapter w/ Isolation connects to a computer using USB and allows you to connect any RS-422 or RS-485 serial device via the provided DB9 port or hard-wired to the terminal block.

The USB to serial adapter features circuit isolation to ensure that sensitive controls and devices will not be damaged while connected, making it a viable solution for connecting costly industrial serial devices.

The RS422/485 Converter receives full power via the host USB connection, and provides power to the attached serial device without requiring an external power adapter. Designed to provide a durable serial solution, the USB to RS422/485 Converter is ruggedly constructed and can be mounted nearly anywhere.

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

Applications and Solutions

- Manufacturing (CNC machinery, process control equipment, bar code scanners, serial printers)
- Security (UPS control, access key panels, video cameras, card readers)
- POS (credit/debit card readers, receipt printers, bar code scanners, cash registers, scales)
- Hospital (monitoring equipment, nurses' stations)
- Hotel Front Desk (serial printers, bar code scanners, keyboard, mouse, receipt printer, credit/debit card reader)
- Hospitality/Restaurant (credit card/debit card reader, serial printers)

Features

- Provides one RS422/485 port while powering the device through USB
- RS-485 mode supports Auto Transceiver Turn Around (ATTA)
- Compatible with both USB 2.0 and USB 1.1
- RS422/485 Baud rate up to 921.6 Kbps
- Supports DB9 and terminal block connector
- Optical Isolation and Surge Protection (2500 Vrms)
- Supports 4-wire RS422 and 2-wire RS485 applications

Technical Specifications

- Warranty: 2 Years
- Chipset ID: FTDI FT232RL
- Data Bits: 7,8
- FIFO: 128-byte transmit; 256-byte receive
- Product Height: 0.91 in [2.3 cm]
- Humidity: 5~95% RH
- Input Current: 200mA
- Isolation: 2500 Vrms
- Product Length: 4.65 in [11.8 cm]
- Max Baud Rate: 300 bps to 921.6 Kbps
- Operating Temperature: 0°C to 55°C (32°F to 131°F)
- OS Compatibility: Windows® 98SE/ ME/ 2000/ XP(32/64bit)/ Server 2003(32/64bit)/ Vista(32/64bit)/ 7(32/64bit)/ Server 2008 R2, XP Embedded/ CE 4.2/ CE 5.0/ CE 6.0

Mac OS 8.x and up, and Linux

- Parity: Even, Odd, Mark, Space, None
- Carton Quantity: 50
- Stop Bits: 1, 2
- Storage Temperature: -20°C to 85°C (-4°F to 185°F)
- Surge Protection: 500W
- Shipping (Package) Weight: 0.86 lb [0.39 kg]
- Product Weight: 6.35 oz [180 g]
- Product Width: 2.52 in [6.4 cm]

