

## 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

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

## 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
Interface	Serial
Port Style	External Hub
Ports	1
Bus Type	USB 2.0
Chipset ID	FTDI - FT232RL
Connector Type(s)	1 - USB B (4 pin) Female
External Ports	1 - DB-9 (9 pin; D-Sub) Male
External Ports	1 - Terminal Block (5 Wire)
Serial Protocol	RS-422/485
Max Baud Rate	921.6 Kbps
Data Bits	7, 8
FIFO	256 Bytes
Parity	Even, Odd, Mark, Space, None
Stop Bits	1, 2
Isolation	2500 Vrms
Surge Protection	500W
OS Compatibility	Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), XP Embedded, CE 6.0/5.0/4.2, 2000, ME, 98SE, 95, DOS Windows® Server 2008 R2, 2003(32/64) Mac OS 8.x, 9.x, 10.x (Tested up to 10.8) Linux
Cable Length	1.8 m [6 ft]
Color	Black
Enclosure Type	Steel
Product Length	118 mm [4.6 in]
Product Width	64 mm [2.5 in]
Product Height	23 mm [0.9 in]
Product Weight	180 g [6.4 oz]
Power Adapter Included	USB Powered
Input Voltage	5 DC
Input Current	200mA
Humidity	5~95% RH
Operating	0°C to 55°C (32°F to 131°F)

Temperature

Storage -20°C to 85°C (-4°F to 185°F)

Temperature

Shipping (Package) 0.4 kg [0.9 lb]

Weight

Included in Package 1 - USB to RS422/485 Converter

Included in Package 1 - 6ft USB A to B Cable

Included in Package 1 - Driver CD

Included in Package 1 - User Manual

### Certifications, Reports and Compatibility

