2-Port RS-422/RS-485 USB to Serial FTDI Adapter with COM Retention (USB-B to DB9 F/M)

MODEL NUMBER: **U208-002-IND**







USB to serial converter lets you connect two 9-pin serial devices to your computer or laptop's USB-A port.

Features

Connects Up to Two 9-Pin Serial Devices to Your Computer, Laptop or Tablet's USB-A Port This USB to serial converter turns your computer's USB port into two DB9 ports capable of connecting RS-422 and RS-485 serial devices, such as modems, handheld scanners and GPS systems. No external power source is needed. Just connect the included USB cable between the U208-002-IND and your computer, and insert the included CD into your computer's CD drive in order to launch the driver. You'll be able to configure and share data among point-of-sale equipment and other serial devices. LEDs indicate when serial data is being sent or received.

Independent DIP Switches for Easy Port Configuration The U208-002-IND's serial ports can be set to automatically detect an RS-422 or RS-485 device by adjusting their DIP switch settings. The ports can also be set specifically for use in 4-wire mode.

COM Retention Feature for Convenient Reassigning of COM Values to Ports This USB to RS-485 adapter with built-in FTDI chipset offers COM retention. It automatically reassigns the same COM port values to each port, so when the cable is disconnected or the system is rebooted, no additional configuration is needed. The cable auto-detects and auto-switches RS-422 and RS-485 devices. It also supports RS-485 auto-transceiver turn around with unique featured ATTA hardware.

Rugged All-Metal Housing Designed to Last in Harsh Industrial Applications The wall-mountable USB to serial converter with an industrial-grade steel enclosure offers electrostatic discharge (ESD) protection to ±15kV. It supports serial communications speeds up to one Mbps and USB 2.0 specifications, though it is backward compatible with USB 1.1 devices.

2-Year Warranty The U208-002-IND is backed by a 2-year warranty, ensuring reliability and performance.

Highlights

- Auto-detects and -switches RS-422 and RS-485 serial devices
- Independent DIP switch controls provide easy port configuration
- Automatically reassigns COM values to each port to avoid additional configuration
- USB-powered, so no bulky or obtrusive external power supply is required
- Compatible with Windows, Mac and Linux—works with most computers

Applications

- Connect and control 9-pin point-of-sale devices, including barcode scanners and credit card readers
- Activate surveillance cameras, access panels and other security equipment
- Operate serial-based medical and scientific instruments, such as bedside monitors and nursing call stations

System Requirements

- Windows XP or later
- Mac OS X 10.4 or later
- Linux 2.6.31 or later
- Computer with an available USB port

Package Includes

- U208-002-IND RS422/485 USB to Serial FTDI Adapter
- USB-A to USB-B cable (M/M), 3 ft.
- (4) 2-pin jumpers
- Driver CD
- Owner's manual

Specifications

OVERVIEW	
UPC Code	037332205995

INPUT	
Bus Powered	Yes
POWER	
Power Consumption (Watts)	4.5
CONNECTIONS	
Number of Ports	2
Side A - Connector 1	USB B (FEMALE)
Side B - Connector 1	(2) DB9 (MALE)
Connector Plating	Nickel
Contact Plating	Gold
USER INTERFACE, ALERTS & CONTROLS	
LED Indicators	Green (Serial Data Received), Yellow (Serial Data Sent)
PHYSICAL	
Color	Black
Material of Construction	Steel (Galvanized Cold Rolled)
Shipping Dimensions (hwd / in.)	2.20 x 5.90 x 8.90
Shipping Dimensions (hwd / cm)	5.59 x 14.99 x 22.61
Shipping Weight (lbs.)	0.85
Shipping Weight (kg)	0.39
Unit Dimensions (hwd / in.)	0.900 x 4.200 x 1.700
Unit Dimensions (hwd / cm)	2.30 x 10.70 x 4.30
Unit Packaging Type	Box
Unit Weight (lbs.)	0.40
Unit Weight (kg)	0.18
ENVIRONMENTAL	
Operating Temperature Range	32° to 104°F (0° to 40°C)
Storage Temperature Range	14° to 131°F (-10° to 55°C)
Relative Humidity	5% to 90% RH, Non-Condensing
BTUs	15.4 BTU/Hr
FEATURES & SPECIFICATIONS	
USB Specification	USB 2.0 (up to 480 Mbps)
Driver Required	Yes

STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

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