

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

MODEL NUMBER: U208-001-IND



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

Features

Connects a Modem or Other 9-Pin Serial Device to Your Computer's USB-A Port This USB to serial converter turns your computer's USB port into a DB9 port 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 U208-001-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 Switch for Easy Port Configuration The U208-001-IND's sole serial port can be set to automatically detect an RS-422 or RS-485 device by adjusting its DIP switch setting. The port 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 $\pm 15\text{kV}$. 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 U208-001-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

- U208-001-IND RS422/485 USB to Serial FTDI Adapter
- USB-A to USB-B cable (M/M), 3 ft.



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- (2) 2-pin jumpers
- Driver CD
- Owner's manual

Specifications

| OVERVIEW | |
|-----------------------------------|---|
| UPC Code | 037332206008 |
| Technology | Serial (RS422); Serial (RS485); USB |
| INPUT | |
| Bus Powered | Yes |
| USER INTERFACE, ALERTS & CONTROLS | |
| LED Indicators | Green (Serial Data Received), Yellow (Serial Data Sent) |
| PHYSICAL | |
| Color | Black |
| Material of Construction | Steel (Galvanized Cold Rolled) |
| Unit Dimensions (hwd / cm) | 2.31 x 7.19 x 7.49 |
| Unit Dimensions (hwd / in.) | 0.9 x 2.8 x 3.0 |
| Unit Packaging Type | Box |
| Unit Weight (kg) | 0.14 |
| Unit Weight (lbs.) | 0.30 |
| 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 |
| Power Consumption (Watts) | 4.5 |
| CONNECTIONS | |
| Ports | 1 |
| Side A - Connector 1 | USB B (FEMALE) |
| Side B - Connector 1 | DB9 (MALE) |



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| | |
|--------------------------------------|--------------------------------|
| Connector Plating | Nickel |
| Contact Plating | Gold |
| FEATURES & SPECIFICATIONS | |
| USB Specification | USB 2.0 (up to 480 Mbps) |
| Driver Required | Yes |
| STANDARDS & COMPLIANCE | |
| Certifications | Tested to CE, FCC, RoHS, REACH |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

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