1 Port FTDI USB to Serial RS232 Adapter Cable with Optical Isolation

StarTech ID: ICUSB2321FIS

The ICUSB2321FIS 1-Port FTDI USB to Serial RS232 Adapter Cable with Optical Isolation converts an available USB 1.1 or 2.0 port into an RS232 DB9 port that can be used to connect, monitor and control your serial devices.

The USB to serial adapter features integrated optical isolation circuits and surge protection to protect your critical, sensitive control equipment against electrical damage, making it a viable solution for costly industrial serial devices.

The versatile FTDI chipset also supports COM retention, additional customization/features, and compatibility not offered by most other solutions. Broad operating system compatibility including Windows®, Windows CE, Mac OS and Linux, makes this product easy to integrate into mixed environments.

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

Applications

- Perfect for IT Administrators looking to add legacy functionality to newer laptops, desktop computers and servers that lack an integrated RS232 port
- Connect, monitor and control industrial/automotive sensors and other sensitive equipment
- Connect bar code scanners, receipt printers and other point-of-sale devices
- Connect and program LED and Digital signage boards with serial communication ports
- Connect a satellite receiver, serial modem, or PDU

Features

- USB to Straight-Through RS232 Serial Adapter
- Integrated 2500Vrms Optical Isolation Circuits
- 500W Bi-Directional Surge Protection Circuits
- Integrated FTDI USB UART Chip
- COM Port assignments maintained across reboot
- Compatible with Windows®, Mac OS and Linux
- Baud Rate up to 921.6 Kbps
- Powered by the USB port - no external power adapter required
- Designed to make serial port expansion quick and easy
- 6-foot cable length for connecting to devices without having to be too close

Technical Specifications

Warranty	2 Years
Bus Type	USB 2.0
Chipset ID	FTDI - FT232RL
Interface	Serial
Port Style	Cable Adapter
Ports	1
Data Bits	7, 8
FIFO	256 Bytes
Isolation	2500 Vrms
Max Baud Rate	921.6 Kbps
Parity	None, Odd, Even, Mark, Space
Serial Protocol	RS-232
Stop Bits	1, 2
Supported Protocols	RS 232
Surge Protection	500W Bi-directional circuits
Connector Type(s)	1 - DB-9 (9 pin; D-Sub) Male
Connector Type(s)	1 - USB A (4 pin) Male
Microsoft WHQL Certified	Yes
OS Compatibility	Windows® 8 / 8.1 (32/64bit), 7 (32/64), Vista (32/64), XP (32/64), 2000, 98SE, XP Embedded, CE (4.2+) Windows Server® 2012, 2008 R2, 2003 Mac OS® 10.x (Tested up to 10.10) Linux 2.4.x / 2.6.x
System and Cable Requirements	One available USB 1.1 (or better) port
Cable Length	8 ft [2.4 m]
Color	Black
Enclosure Type	Plastic
Product Height	0.8 in [20 mm]
Product Length	8 ft [2.4 m]
Product Weight	3 oz [86 g]
Product Width	1.6 in [40 mm]
Power Source	USB-Powered
Humidity	5~95% RH

Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-20°C to 85°C (-4°F to 185°F)
Shipping (Package) Weight	0.4 lb [0.2 kg]
Included in Package	1 - USB to RS-232 Serial Adapter
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility