

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

**Product 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.

## Certifications, Reports and Compatibility

### 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
- 8-foot cable length for connecting to devices without having to be too close

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### Hardware

Warranty	2 Years
Ports	1
Interface	Serial
Bus Type	USB 2.0
Port Style	Cable Adapters
Chipset ID	FTDI - FT232RL

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### Performance

Maximum Cable Length	8.3 ft [2.5 m]
Serial Protocol	RS-232
Max Baud Rate	921.6 Kbps
Data Bits	7, 8
FIFO	256 Bytes
Parity	None, Odd, Even, Mark, Space
Stop Bits	1, 2



Isolation	2500 Vrms
Surge Protection	500W Bi-directional circuits
Supported Protocols	RS 232

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#### Connector(s)

Connector Type(s)	DB-9 (9 pin, D-Sub) USB Type-A (4 pin) USB 2.0
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#### Software

OS Compatibility	Windows CE (4.2, 5.0, 6.0), XP Embedded, 98SE, 2000, XP, Vista, 7, 8, 8.1, 10 Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019 macOS 10.6 to 10.15, 11.0 Linux Kernel 3.0.x - 5.4.x (LTS Versions Only)
Microsoft WHQL Certified	Yes

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#### Special Notes / Requirements

System and Cable Requirements	One available USB 1.1 (or better) port
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#### Power

Power Source	USB-Powered
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#### Environmental

Operating Temperature	0C to 55C (32F to 131F)
Storage Temperature	-20C to 85C (-4F to 185F)
Humidity	5~95% RH

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#### Physical Characteristics

Color	Black
Material	Plastic
Cable Length	8.3 ft [2.5 m]
Product Length	8.3 ft [2.5 m]
Product Width	1.6 in [40 mm]



Product Height 0.8 in [20 mm]

Weight of Product 3.8 oz [107 g]

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**Packaging Information**

Package Length 2.8 in [72 mm]

Package Width 4.1 in [10.5 cm]

Package Height 0.8 in [20 mm]

Shipping (Package) Weight 7.8 oz [222 g]

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**What's in the Box**

Included in Package USB to RS-232 Serial Adapter

Driver CD

Instruction Manual

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***\*Product appearance and specifications are subject to change without notice.***

