

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 |
| | Bus Type | USB 2.0 |
| | Chipset ID | FTDI - FT232RL |
| | Interface | Serial |
| | Port Style | Cable Adapters |
| | Ports | 1 |
| Performance | Data Bits | 7, 8 |
| | FIFO | 256 Bytes |
| | Isolation | 2500 Vrms |
| | Max Baud Rate | 921.6 Kbps |
| | Maximum Cable Length | 8.3 ft [2.5 m] |
| | 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(s) | Connector Type(s) | 1 - DB-9 (9 pin, D-Sub) Male 1 - USB Type-A (4 pin) USB 2.0 Male |
| | | |
| Software | Microsoft WHQL Certified | Yes |
| | 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 Mac OS® 10.6 to 10.14 Linux 2.4.x to 4.11.x <i>LTS Versions only</i> |
| Special Notes / Requirements | System and Cable Requirements | One available USB 1.1 (or better) port |
| Power | Power Source | USB-Powered |
| Environmental | 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) |
| Physical Characteristics | Cable Length | 8.3 ft [2.5 m] |
| | Color | Black |
| | Enclosure Type | Plastic |

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|------------------------------|---------------------------|---|
| | Product Height | 0.8 in [20 mm] |
| | Product Length | 8.3 ft [2.5 m] |
| | Product Weight | 3.8 oz [107 g] |
| | Product Width | 1.6 in [40 mm] |
| Packaging Information | Shipping (Package) Weight | 7.8 oz [222 g] |
| What's in the Box | Included in Package | 1 - USB to RS-232 Serial Adapter 1 - Driver CD 1 - Instruction Manual |

Product appearance and specifications are subject to change without notice.