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Data Sheet

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

RoHS Compliant Available

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

	Warranty	2 Years
Hardware	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 *LTS Versions only*
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

	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.