

1 Port Industrial USB to RS232 Serial Adapter with 5KV Isolation and 15KV ESD Protection

Product ID: ICUSB232IS



The ICUSB232IS Industrial USB to Serial Adapter lets you add a galvanically isolated RS232 serial port with ESD protection through a USB port and offers a durable DIN Rail-mountable design.

Ideal for industrial environments, the USB serial adapter features an integrated 5KV galvanic isolation circuit and 15KV ESD protection, to protect costly and often sensitive control equipment against electrical damage. An extended operating temperature range (-30°C to 75°C) also helps to ensure performance in harsh environments.

For fast communication with serial peripherals, the adapter features an integrated FTDI chipset, supporting baud rates up to 921Kbps. The adapter also features COM retention that automatically retains COM Port assignments, even through a reboot.

The ICUSB232IS serial adapter is compatible with Windows®, Windows CE, Mac OS and Linux which makes it easy to integrate into mixed environments.

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

Certifications, Reports and Compatibility



Applications

- Connect, monitor and control industrial/automotive sensors and other sensitive equipment
- 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 5000Vrms Galvanic Isolation Circuits
- 15KV ESD protection
- High speed 921.6 Kbps baud rate
- Industrial DIN rail mountable design
- Integrated FTDI USB UART Chip
- USB Powered

Hardware	Warranty	2 Years
	Bus Type	USB 2.0
	Chipset ID	FTDI - FT232RL
	Port Style	Cable Adapters
	Ports	1
Performance	Data Bits	7, 8
	FIFO	256 Bytes
	Flow Control	None, Xon/Xoff, RTS/CTS
	Isolation	5KV
	Max Baud Rate	921.6 Kbps
	Parity	None, Odd, Even, Mark, Space
	Serial Protocol	RS-232
	Stop Bits	1, 2
Connector(s)	Surge Protection	15KV ESD
	External Ports	1 - DB-9 (9 pin, D-Sub) Male 1 - USB Mini-B (5 pin) Female
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 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	Available USB Port
Indicators	LED Indicators	2 - Tx / Rx Activity
Power	Power Source	USB-Powered
Environmental	Humidity	5~95% RH (Non-Condensing)
	Operating Temperature	-30°C to 75°C (-22°F to 167°F)
	Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Physical Characteristics	Cable Length	3.3 ft [1 m]
	Color	Black
	Enclosure Type	Plastic
	Product Height	0.9 in [22 mm]
	Product Length	3.3 in [84 mm]

	Product Weight	1.8 oz [50 g]
	Product Width	1.7 in [42 mm]
Packaging Information	Shipping (Package) Weight	7.5 oz [212 g]
What's in the Box	Included in Package	1 - USB to Serial Adapter 1 - DIN Rail Bracket 1 - 1m (3ft) USB Cable 1 - Driver CD 1 - Instruction Manual

Product appearance and specifications are subject to change without notice.