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

StarTech ID: ICUSB232IS

The ICUSB232IS Industrial USB to Serial Adapter lets you add an optically 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 optical isolation circuit and 15KV ESD protection, to protect costly and often sensitive control equipment against electrical damage. An extended operating temperature range (-3010/18/2013eg;C to 7510/18/2013eg;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.

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 Optical Isolation Circuits
- 15KV ESD protection
- High speed 921.6 Kbps baud rate
- Industrial DIN rail mountable design
- Integrated FTDI USB UART Chip
- USB Powered

Technical Specifications

Warranty	2 Years
Bus Type	USB 2.0
Chipset ID	FTDI - FT232RL
Port Style	Cable Adapter
Ports	1
External Ports	1 - DB-9 (9 pin; D-Sub) Male
External Ports	1 - USB Mini-B (5 pin) Female
Flow Control	None, Xon/Xoff, RTS/CTS
Isolation	5KV
Max Baud Rate	921.6 Kbps
Serial Protocol	RS-232
Surge Protection	15KV ESD
Data Bits	7, 8
FIFO	256 Bytes
Parity	None, Odd, Even, Mark, Space
Stop Bits	1, 2
OS Compatibility	Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), CE(4.2, 5.2) Windows® Server 2008 R2, 2003(32/64) Mac OS 10.x (Tested up to 10.9) Linux 2.6.x - 3.9.x
Cable Length	1 m [3.3 ft]
Color	Black
Enclosure Type	Plastic
Product Height	22 mm [0.9 in]
Product Length	84 mm [3.3 in]
Product Weight	50 g [1.8 oz]
Product Width	42 mm [1.7 in]
LED Indicators	2 - Tx / Rx Activity
Power Adapter Included	USB-Powered
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)
System and Cable Requirements	Available USB Port
Shipping (Package) Weight	212 g [7.5 oz]
Included in Package	1 - USB to Serial Adapter
Included in Package	1 - DIN Rail Bracket
Included in Package	1 - 1m (3ft) USB Cable
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

CE

FC

RoHS Compliant
Available

works with
Windows 8