



Model: USB-COM-SI-M

Single Port RS-232 USB to Serial Adapter with Optical Isolation and Surge Protection

A Single Port RS-232 serial adapter designed for rugged use to expand your serial communication through an available USB port on your PC or a USB Hub. Industrial-grade metal chassis that is mountable.



Specifications

USB Bus

Compliance	USB 1.0/1.1 compliant, USB 2.0 compatible
Speed	12 Mbps, Full speed data rate
FIFO	128 byte transmit FIFO 384 receive FIFO

Serial Interface

Port Type	RS-232
Number of Ports	1
Connectors	DB9 male

Serial Line Protections

ESD Protection / Optical Isolation	25KV (ESD) / 2000V DC (Optical Isolation)
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Serial Port Speed

Baud Rate	300 bps to 921.6k bps
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Serial Communication Parameters

Data Bits	5, 6, 7, 8
Stop Bits	1, 1.5, 2
Parity	None, Even, Odd, Space, Mark
Flow Control	RTS/CTS, XON/XOFF

Serial Signals

RS-232	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND, RI
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Driver Support

OS	Windows 7, Vista, 2003, XP (WHQL certified) and 2000 Linux Kernel 2.4 and up built-in support
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Power Supply

Input	Self-powered 5VDC, 2A power adapter
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Mechanical

Chassis	SECC metal chassis with DIN rail bracket
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Environmental

Operating Temperature	0 to 55 °C (32 to 131 °F)
Storage Temperature	-20°C to 75 °C (-4 to 167 °F)
Operating Humidity	5 to 95% RH
Safety Approvals	CE, FCC

Features

- Adds one industrial RS-232 serial port with optical isolation by connecting to a USB port
- 2000V DC optical isolation
- 25KV ESD surge protection
- Installed as standard Windows COM port
- SECC metal chassis with DIN rail bracket
- Full RS-232 modem control signals and hardware/software flow control
- RS-232 data signals: TxD, RxD, RTS, CTS, DSR, DTR, DCD, RI, GND
- High speed serial port with the baud rate up to 921.6K bps
- 128 byte transmit FIFO & 384 byte receive FIFO
- Non-standard baudrates supported
- LEDs of Power, TxD and RxD for easy port monitoring and diagnostics
- Powered by USB port, no external power adapter required
- Easy plug and play installation and RS-232 device connection
- COM port number assigned can be changed to any COM port number required
- Works with USB 1.1 & 2.0 host port
- Supports Windows 8, Windows 7, Vista, 2003, XP, 2000 and Linux

Product Information

Product Name:	USB-COM-SI-M
Packing List:	USB-COM-SI-M adapter, USB Cable
Optional Accessories:	N/A