



Technical Data Sheet

2 Port USB to Serial RS-232 DB-9 Adapter Industrial Metal Housing

Model Number: USB-2COM-M



The USB-2COM-M USB to 2-Port Rugged Metal Serial Adapter is designed to make serial port expansion quick and simple. Plugging the USB Serial Adapter to the USB port, the adapter is automatically detected and installed. The USB Serial Adapter provides instant connectivity to RS-232 communication device for factory automation equipment, multi-drop data collection devices, barcode readers, time clocks, scales, data entry terminal and serial communication in harsh environment.

Features

- Adds two industrial RS-232 serial ports by connecting to a USB port.
- Optional feature to supply power output of 5V, 150mA through PIN-1 & 2 of terminal block to the serial devices requiring power.
- 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: Tx/D, Rx/D, RTS, CTS, DSR, DTR, DCD, RI, GND

Product Information

- **Model Number:** [USB-2COM-M](#)
- **Packing List:**
 - USB-2COM-M 2-Port RS-232 Serial Adapter
 - 3ft. USB-A male to USB-B male cable
 - Driver Disk
- **Optional Accessories:** N/A

- High speed serial port with the baud rate up to 921.6K bps.
- 128 byte transmit FIFO & 384 byte receive FIFO.
- Non-standard baud rates supported.
- Serial port protected with surge protection of 10KV
- COM port number assigned can be changed to any COM port number required
- LEDs of Power, TxD and RxD for easy port monitoring and diagnostics
- Works with USB 1.1 & 2.0 host port

Specifications

Overview

Interface	USB to Serial (USB 2.0 backward compatible with USB 1.1)
Port Connections	1 Upstream USB-B / 1 DB-9 Male / 1 Two Wire Terminal Connection
Protections	Surge protection of 10KV
Protocol	RS-232 Serial
Speed	up to 921.6K bps
Available Power Modes	USB Bus Powered, no external power adapter required
Color	Black

Physical Features

LEDs	TxD and RxD
Construction	SECC Metal
Cable Length	3ft.
Dimensions	57 x 72 x 22 mm (W×L×H), 82 x 82 x 22 mm with DB9 connector and ears
Weight	4.9 oz
OS Support	Windows Vista, Windows 7, Windows 8, & Windows 10 / Linux and Mac OS 10.X
Current Certifications	RoHS, WEEE

Signals

RS-232	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
Transmit	128 byte transmit FIFO
Receive	384 byte receive FIFO

Environment

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

General Applications

Applications	Modem, POS, Printer, BarCode Scanners, Time Clocks – Industrial serial RS-232 protocol applications
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Product URL

USB2-2COM-M product page	https://www.coolgear.com/product/2-port-usb-to-serial-rs-232-db-9-adapter-industrial-metal-housing
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