



Technical Data Sheet

8 Port USB to RS-232/422/485 Octal Adapter

Model Number: USB-8COMi-RM



The USB-8COM 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. The USB-8COM USB Serial Adapter Data Control Box is designed to make serial port expansion quick and simple.

Features

- TAA Compliant.
- Rugged ABS plastic housing.
- Full RS-232 modem control signals and hardware.
- Software flow control: RTS/CTS, XON/XOFF.
- 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.
- Virtual COM port drivers provided for Windows 7, Vista, 2003, XP, 2000.
- Works with USB 1.1 & 2.0 host port.

Product Information

- **Model Number:** [USB-8COMi-RM](#)
- **Packing List:**
 - USB to Serial 8 Port RS-232/422/485 Adapter
 - 3ft. USB-A male to USB-B male cable
 - Rack Mounting Brackets
 - DIN Rail Brackets
 - Mounting Screws
 - Three Prong Power Cord
 - Driver Disk
- **Optional Accessories:** N/A

Specifications

Overview	
USB Interface	USB 2.0
Chipset	FTDI
Port Connections	8x DB-9 Male / 1USB Type-B Female
USB Speed	USB 1.0 / 1.1 compliant, USB 2.0 compatible
Protocol	RS-232/RS-422/RS-485
Baud Rate	up to 921.6K bps
Color	Black
Compliance / Approvals	TAA / CE, FCC, RoHS
Physical Features	
Construction	Rugged Industrial-grade Metal
Power	Bus powered, Built-in power supply 110-240V AC 47-63 Hz, 25VA
Cable Length	3ft.
Dimensions	257(L)x 147(W)x 44mm(H) / 277 x 147 x 44 mm (with DB9 connector and ears)
Weight	2.47 lbs
OS Support	Windows XP, Vista, Windows 7, Windows 8, and Windows 10, Linux and Mac OS 10.X
Signals	
RS-232 Data Signals	RS232 TxD, RxD, RTS/CTS, DTR, DSR, DCD, RI, GND
RS-422 Data Signals	Tx+/-, Rx+/-, GND
RS-485 2-wire	Data+/-, GND
RS-485 4-wire	Tx+/-, Rx+/-, GND
Serial COM Parameters	
Parity	None, Even, Odd, Space, Mark
Flow Control	RTS/CTS, XON/XOFF
FIFO	128 byte transmit FIFO / 384 receive FIFO
Environment	
Operating Temperature	0 to 55°C (32 to 131 °F)
Storage Temperature	-20 to 75 °C (-4 to 167 °F)
Operating Humidity	5 to 95% RH
General Applications	
Applications	instant connectivity to RS-232, RS-422, RS-485 communication devices for POS, factory automation equipment, multi-drop data collection devices, bar code readers, time clocks, scales, data entry terminals, PC to PC long distance communications, ATMs and serial communication
Product URL	
USB-8COMi-RM product page	https://www.coolgear.com/product/8-port-usb-to-octal-rs-232422485-adapter