

Technical Data Sheet Rev 06-250804

USB to Serial 16 COM RS-232/422/485 Rack mount adapter

Model Number: USB-16COMi-RM



Features

- Adds 16 serial ports (RS-232, RS-422 or RS-485) through a USB port
- External DIP switches for easy RS-232, RS-422, RS-485 mode settings
- Serial ports protected with surge protection of 10KV
- LEDs for Power, TxD and RxD for easy port monitoring and diagnostics
- Includes DIN rail brackets and rack-mounting kits for flexible mounting options

Package Contents

- 2-Pin Terminal Block
- DIN rail bracket
- Mounting Bracket
- Power Cable
- Screw Pack
- USB Cable
- USB Serial Adapter

Specifications

OVERVIEW

Model No	USB-16COMi-RM	Product Type	USB Serial Adapter
Compliance	CE FCC REACH RoHS TAA	UPC	729440690991
Country of Origin	Taiwan	LED indicators	Power TX/RX
Chipset	FTDI	Electrical Protections	10kV

PHYSICAL

Ship Weight (lbs)	6 lbs	Ship Weight (kg)	2.72 kg
Item Weight	3.95 lbs	Length	16.94 inches
Width	5.82 inches	Height	1.73 inches
Color	Black	Mountable	Din-Rail Mount Rack Mount Surface Mount

Specifications Cont.

CONNECTIONS

Connector(s)	2-Pin Terminal Block DB9 Male w/ Nuts USB 2.0 Type B Female
Maximum Data Rate	1 Mbaud

SERIAL SPECS

Maximum Data Rate	1 Mbaud
Minimum Data Rate	300 baud/bps
Data Bits	7, 8
Parity	None, Even, Odd, Mark, Space
Stop Bits	1, 2
Flow Control	Hardware (RTS, CTS), XON/XOFF
FIFO	2k Bytes transmit and receive
Serial Modes	RS232 RS422 RS485
RS232 Signals	DCD, RxD, TxD, DTR, GND, DSR, RTS, CTS, RI
RS422 Signals	TxD-, TxD+, RxD+, RxD-
RS485 2-wire Signals	DATA-, DATA+, GND
RS485 4-wire Signals	TxD-, TxD+, RxD+, RxD-, GND

ENVIRONMENTAL

Operating Temperature	0C ~ 60C
Storage Temperature	-40C ~ 85C
Operating Humidity	0% to 80% RH

OS SUPPORT

Supported Operating Systems	Linux OSX 10 Windows 11 Windows 10 Windows 8 Windows 7 Windows Vista Windows XP
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WARRANTY

Warranty Period	1 Year
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PRODUCT URL

Product Page	https://www.coolgear.com/product/metal-16-port-usb-to-rs-232422485-serial-adapter-metal-case-with-din-rail
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