



## Technical Data Sheet

# 4 port USB Serial Adapter w/ Isolation and Surge Protection

Model Number: CM-41042



This CM-41042 RS232 to USB Multi Serial Port Adapter is an intelligent module that connects to a PC or server via the Universal Serial Bus (USB), providing high-speed serial connectivity. The serial ports are fully optically isolated and surge protected. With its rigid metal case, it is an ideal solution for most critical applications.

### Features

- TAA Compliant.
- Provides 4 serial port RS232 ports over USB.
- Provides 4 DSUB-9 Connectors.
- Supports 3-wire RS232 Signals (TxD, RxD, GND).
- Baud Rate from 300 Bps to 921.6Kbps.
- Supports 7, 8 Data Bits
- Odd, Even, Mark, Space, or None parity mode.
- Supports 1, or 2 Stop Bits.
- Provides 2,500Vrms Optical Isolation.
- Built-in Bi-direction Surge Protection Circuits.
- Supports USB Bus Power.
- DC Jack for Optical DC 5V Power Input.
- Support Win98, XP, CE, Win2000, 2003.

### Product Information

- **Model Number:** [CM-41042](#)
- **Packing List:**
  - USB to Serial 4 Port RS-232 Adapter
  - Power Adapter & Cord
  - Driver Disk
  - Paper Manual
- **Optional Accessories:** N/A

## Specifications

### Overview

Interface	USB to Serial
Port Connections	4x DB-9 Male / 1USB Type-B Female
USB Speed	USB 1.0 / 1.1 compliant, USB 2.0 compatible
Protocol	RS-232
Baud Rate	up to 921.6K bps
Protections	2500Vrms Optical Isolation and Bi-Directional Surge Protection
Color	Black
Compliance	TAA

### Physical Features

Construction	Metal
Dimensions	6.83"(L) x 3.83"(W) x 1.70"(H)
Weight	.912 lbs
OS Support	Windows XP, Vista, Windows 7, Windows 8, and Windows 10, Linux and Mac OS 10.X
Current Certifications	CE, FCC, RoHS

### Power Requirements

1	Power solely from USB Bus. No external power supply needed
2	A +5V DC Jack Input for supporting power over DB9-Male applications

### Signals

3-Wire RS-232	TXD, RXD, GND
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### Serial COM Parameters

Data Bits	7, 8
Stop Bits	1, 1.5, 2
Parity	Odd, Even, Mark, Space, or None
FIFO	512-Byte Deep FIFOs for each Port
Data Rates	75 bps to 921.6Kbps

### Environment

Operating Temperature	0 to 55°C (32 to 131 °F)
Operating Humidity	5 to 95% RH

### General Applications

Applications	Remote Access, Retail & Industrial Data Center, Modem, POS, Printer, BarCode Scanners, Time Clocks – Industrial serial RS-232 protocol applications
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### Product URL

CM-41042 product page	<a href="https://www.coolgear.com/product/4-port-usb-serial-adapter-w-isolation-and-surge-protection">https://www.coolgear.com/product/4-port-usb-serial-adapter-w-isolation-and-surge-protection</a>
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