Technical Data Sheet

Industrial 8-Port DB-9 RS232 to USB Adapter w/ISO and Surge Protection

Model Number: CM-41082

The CM-41082 is an Isolation and surge protection 8S RS232 to USB serial adapter that is designed for PC, thin client, or server to provide instant COM port expansion via the Universal Serial Bus (USB). The CM-41082 provides the scalability to quickly adapt to new USB technologies. Multiple modules can be added to a single USB interface allowing you to add RS232 connectivity as needed.

Features

- TAA Compliant.
- Provides 8 RS232 Serial Ports over USB Port.
- Provides 8 DSUB-9 Connectors.
- 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 Optional DC 5V Power Input.
- Supports Windows XP, Vista, Windows 7, 8, and Windows 10, Linux and Mac OS 10.X.

Product Information

- **Model Number:** CM-41082
- **Packing List:**
  - USB to Serial 8 Port RS-232 Adapter
  - 6ft. USB-A male to USB-B male cable
  - Power Adapter
  - Power Cord
  - Paper Manual
  - Driver Disk
- **Optional Accessories:** N/A

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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
Protections	2500Vrms Isolation
Color	Black
Compliance / Approvals	TAA / RoHS

Physical Features

Construction	Rugged Industrial-grade Metal
Power	Bus powered, Optional DC 5 V Power Input
Cable Length	6ft. included
Dimensions	6.83"(L) x 3.83"(W) x 1.70"(H) (17.35 x 9.72 x 4.32 cm)
Weight	1.237 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

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	PC use, Thin Client, and Server applications

Product URL

CM-41082 product page	https://www.coolgear.com/product/industrial-8-port-db-9-rs232-to-usb-adapter-with-isolation-and-surge-protection

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