



# 4 Port RS-232 USB to Serial Adapter w/ Optical Isolation & Surge Protection



Model No. CM-41042



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## RS-232 | 512 Bytes Receive | 512 Bytes Transmit

- **Superior Build Quality:** Housed in a rugged steel chassis with built in mountable flanges, the serial adapter hub is perfect for installations in labs, warehouses, or heavy machinery.
- **Safe Industrial Connections:** Designed for use with Bar Code Scanners, Time Clocks, Label Printers, Point of Sale Terminals, Receipt Printers, and more the USB to Serial Adapter offers optically isolated 15kV surge protection for connected devices.
- **Expand Your Serial Capabilities:** Connect 4 legacy 9-pin serial devices through a USB-A port to add legacy functionality to newer technologies with no serial port connections.
- **COM Retention:** COM Ports are fully configurable, and after reboots, port assignments are preserved.
- **USB Power:** Power is drawn from a USB connection, no bulky power supply or power outlet is required.
- **Upstream:** 1 USB port, Type B Female Connector
- **Downstream:** 4 Male DB9, w/ nuts
- **Power:** +5V DC Barrel Jack

**Interested? LEARN MORE →**

## Questions? Speak to an engineering expert today!

Our on site engineers are ready to help you with your build.

☎ **1-727-209-1300** (Local) ✉ **expert@coolgear.com**



**We Speak Your Speak** - When you reach out to our support, you'll find yourself in the hands of a solution-oriented, knowledgeable expert ready to answer whatever question you throw at them. Go ahead, test us.

**We're Ready For Integration, Every Time.** - Coolgear streamlines the task of selecting charging and connectivity products. For over 20 years our rugged, off-the-shelf USB hubs and serial products are ready to go for your next project.

**Within every great machine, lives Coolgear.** - At Coolgear, we're just as passionate about building great products as you are. That's why we aim to meet or exceed your build specs every time.,

**Advanced Engineering** - Coolgear painstakingly sources high-quality components, oversees all manufacturing methods, and conducts rigorous testing to ensure all our products are industrial-grade. This

means greater duty cycle, zero data loss, and longer lasting builds. We promise.,

# PRODUCT SPECIFICATIONS

Looking for product documentation?

[View CAD Models, Data sheet and Drawings here >](#)




|                     |                             |   |
|---------------------|-----------------------------|---|
| Environmental       | Operating Temperature       | 0C to 55C   |
|                     | Storage Temperature         | -20 to 75°C (-4 to 167°F)                                       |
|                     | Humidity                    | 5% ~ 95% (non-condensing)                                       |
| Performance         | Isolated/Surge Protected    | Yes   |
| Hardware            | Chipset                     | FTDI  |
| Product Information | Warranty                    | 1 year from date of purchase                                    |
|                     | Power Source                | DC Barrel Jack  |
|                     | External Power Required     | No  |
| Power               | OS Support                  | Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8                    |
| Software            | RS Signals                  | TxD, Rx D, RTS, CTS, DSR, DTR, DCD, RI, GND                     |
|                     | Serial Standards            | RS232   |
|                     | Baud Rate                   | 921.6K bps  |
|                     | FIFO Receive                | 512 bytes   |
|                     | FIFO Transmit               | 512 bytes   |
|                     | Data Bits                   | 7, 8  |
|                     | Parity                      | None, Even, Odd, Mark, Space                                    |
|                     | Stop Bits                   | 1, 1.5, 2   |
|                     | Flow Control                | Hardware (RTS, CTS), XON/XOFF                                   |
|                     | USB Type                    | USB 2.0   |
|                     | Upstream USB Ports          | 1 Type-B Female USB   |
|                     | Isolated/Surge Protected    | Yes   |
| Serial Attributes   | Screw Lock Compatible       | Yes   |
|                     | Color                       | Black   |
|                     | Item Dimensions (L x W x H) | 6.83 x 3.83 x 1.70 in.  |
| Mechanical          | Item Weight                 | 0.914 lbs.  |
|                     | Mounting Style              | Din-Rail, Surface Mount   |
|                     | Ports                       | 4 Serial Ports  |
| Compliance          | Material of Construction    | Steel   |
|                     | Country of Origin           | Taiwan  |
|                     | Certifications              | <a href="#">CE</a> , <a href="#">FCC</a> , <a href="#">RoHS</a> |
| Other Data          | Connector                   | DB9 Male w/ Nuts  |
|                     | Chip Model                  | FT232RL, NEC D720114, ZT3243LFEA                                |
|                     | Weight                      | 2.031 lbs   |
|                     | Dimensions                  | 11.5 x 7.5 x 2.75 in  |

## Ready to Buy? Let's get to work!

**Purchase order** lets set you up.

**Online with Credit card** Orders shipped same day!

\*orders placed prior to 3:30pm EST

 **1-888-688-2188 (Toll free)**

 **[sales@coolgear.com](mailto:sales@coolgear.com)**