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Owner's Manual 

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coolgear USBG-COM-M Single Port USB 2.0 to Serial Industrial Adapter



Product Usage Instructions

Setup and Installation

- Connect the USB adapter to your computer's USB port using the provided Type-B Female USB connector.
- If mounting the adapter, choose between Din-Rail or Surface Mount options as per your requirement.
- If external power is needed, ensure it is connected as per the power compliance guidelines.

Data Transmission Settings

- To configure data transmission settings:
- Select the appropriate data bits (5, 6, 7, or 8), parity (None, Even, Odd, Mark, Space), and stop bits (1, 1.5, or 2) based on your application requirements.
- You can also set flow control to Hardware (RTS, CTS) or XON/XOFF for managing data flow between devices.

LED Indicators

- The LED indicators on the adapter display power status and transmit/receive activity.
- Ensure proper functionality by checking these indicators during operation.

Maintenance and Troubleshooting:

- If you encounter issues with data transmission or connectivity, refer to the product documentation for troubleshooting steps.
- Regularly inspect for any physical damage or loose connections.

Introduction

Model No. USBG-COM-M

- [View more images here](#) >



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

- 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 15kV surge protection for connected devices.
- Expand Your Serial Capabilities: Connect a legacy 9-pin serial device 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: 1 Male DB9, w/ nuts
- LEDs: Power, TX / RX

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Questions? Speak to an engineering expert today!

- Our on-site engineers are ready to help you with your build.
- 1-[727-209-1300](tel: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

- Power: External Power Required No
- Compliance
 - Country of Origin Taiwan
 - Color Black
 - Item Dimensions (L × W × H) 3.23 × 2.99 × 0.91 in.
- Physical Characteristics
 - Item Weight 0.293 lbs.
 - Mounting Style Din-Rail (Optional Bracket), Surface Mount
 - Ports 1 Serial Port
 - Material of Construction Steel
 - Screw Lock Compatible Yes
- Serial Attributes
 - RS Signals TxD, RxD, 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 5, 6, 7, 8
 - Parity None, Even, Odd, Mark, Space
 - Stop Bits 1, 1.5, 2
 - Flow Control Hardware (RTS, CTS), XON/XOFF
- Software: OS Support Win XP, Win Vista, Win 7, Win 8, Win 10, Linux, Mac OSX
- Environmental
 - Operating Temperature 0C to 55C
 - Storage Temperature -20 to 75°C (-4 to 167°F)
 - Humidity 5% ~ 95% (non-condensing)
- Product Information: Warranty 1 year from date of purchase
- Hardware
 - Chipset FTDI
 - LED Indicators Power, TX / RX
 - Upstream USB Ports 1 Type-B Female USB
- Performance & Safety

- ESD Protection 15KV Surge Protection
- Connector DB9 Male w/ Nuts
- Other Data
 - Chip Model FT231XQ-R, ZT213LFEA
 - USB Interface USB 2.0
 - Weight .65 lbs
 - Dimensions 5 × 4 × 2.5 in

Looking for product documentation?

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

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- Online with Credit card Orders shipped same day!

CONTACT

- 1-[888-688-2188](tel:888-688-2188) (Toll-free)
- sales@coolgear.com | Charging & Connectivity Experts www.coolgear.com
- Visit coolgear.com/support for any questions & inquiries.

FAQ

Q: Does this adapter support Mac OSX?

A: Yes, the adapter supports Mac OSX along with other operating systems like Windows and Linux.

Q: What is the warranty period for this product?

A: The product comes with a warranty of 1 year from the date of purchase.

Documents / Resources

	coolgear USBG-COM-M Single Port USB 2.0 to Serial Industrial Adapter [pdf] Owner's Manual USBG-COM-M, USBG-COM-M Single Port USB 2.0 to Serial Industrial A dapter, Single Port USB 2.0 to Serial Industrial Adapter, USB 2.0 to Serial Industrial Adapter, Serial Industrial Adapter, Industrial Adapter, Adapter
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References

- [User Manual](#)

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Adapter, coolgear, Industrial Adapter, Serial Industrial Adapter, Single Port USB 2.0 to Serial Industrial Adapter, USB 2.0 to Serial Industrial Adapter, USBG-COM-M, USBG-COM-M Single Port USB 2.0 to Serial Industrial Adapter

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