USB to Optical Adapter Industrial Isolated RS-232/422/485

Model No. USB-COMi-SI-M

RS-232 | RS-422 | RS-485 | 384 Bytes Receive | 128 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.
- **Effortless Port Configuration:** The adapter is designed with external dip switches to set RS-232, RS-422 or RS-485 ports and different operation modes conveniently.
- **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, 1 6-Pin Terminal Block
- **LEDs:** Power, TX / RX

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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

Environmental Performance	Operating Temperature	0C to 55C
	Isolated/Surge Protected	Yes
Hardware	Chipset	FTDI
	LED Indicators	Power, TX / RX
Product Information	Warranty	1 year from date of purchase
Power	External Power Required	No
Software	OS Support	Win 11, Linux, Mac OSX, Win 10, Win 7, Win 8
Serial Attributes	RS Signals	Data-, Data+, GND, RxD, TxD, GND, RTS, CTS, TxD-, TxD+, RxD+, RxD-, TxD-, TxD+, RxD+, RxD-, GND, RTS-, RTS+, CTS+, CTS-
	Serial Standards	RS232, RS422, RS485
	Baud Rate	921.6K bps
	FIFO Receive	384 bytes
	FIFO Transmit	128 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
USB	USB Type	USB 2.0
	Upstream USB Ports	1 Type-B Female USB
	Isolated/Surge Protected	Yes
	Screw Lock Compatible	Yes
Mechanical	Color	Black
	Item Dimensions (L × W × H)	2.83 × 2.24 × 0.87 in.
	Mounting Style	Surface Mount
	Ports	1 Serial Port
	Material of Construction	Steel
Compliance	Country of Origin	Taiwan
	Ethernet Compliance	
Other Data	Connector	5-Pin Terminal Block, DB9 Male w/ Nuts
	Chip Model	FT231XQ-R, MAX3089E
	Warranty	1 year from date of purchase
	UPC	729440690885
	Weight	.65 lbs
	Dimensions	5 × 4 × 2.5 in

Ready to Buy? Let's get to work!

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*orders placed prior to 3:30pm EST

📞 **1-888-688-2188 (Toll free)**

✉ **sales@coolgear.com**