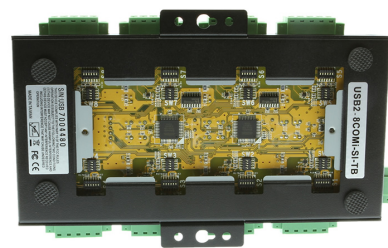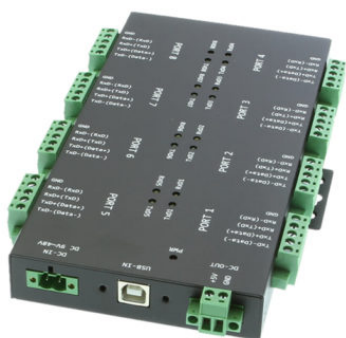# USB2 to 8-Port RS232-422-485 Serial TB Adapter Isolation | Surge

Optical Isolation and Surge Protection for RS-232/422/485 Ports

Model No. **USB2-8COMi-SI-TB**

The USB2-8COMi-SI-TB is a USB 2 to 8-port industrial serial adapter that protects you device(s) with optical Isolation, 15KV ESD protection and 600W surge protection over each port. It is designed to make RS-422 and RS-485 serial port expansion quick and simple through its terminal block connection. Our series of Industrial USB 2.0 to terminal block serial adapters supports RS-232, RS-422, and RS485 electrical protection per port and are designed with the user in mind.

- Supports 15KV ESD protection and 600W surge protection for all 8 serial signals
- Uses FTDI FT4232H USB 2.0 to quad UART chip
- Incorporates DIP switch control over each individual port.
- Per port protection from ESD and Surge Protection.

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📞 **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	**Operating Temperature**	0 to 60C
Hardware	**Chipset**	FTDI
Software	**OS Support**	Win 11, Win 10, Win 7, Win 8, Win 8.1
Serial Attributes	**Serial Standards**	RS232, RS422, RS485
USB	**USB Type**	USB 2.0
	Color	Black
Mechanical	**Mounting Style**	Din-Rail
	Ports	8 Serial Ports, 1 USB Port
	Country of Origin	Taiwan
Compliance	**Certifications**	CE, FCC
	Compliance	RoHS, TAA
	Connector	5-Pin Terminal Block
Other Data	**Weight**	2.12 lbs
	Dimensions	11.250 × 5.687 × 2.500 in

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