



Technical Data Sheet

USB RS-232 Adapter Industrial Isolated – Surge Protected FTDI Chip

Model Number: USBG-SSRS1



The USB-SSRS1 USB to serial conversion cable is designed for PC, thin client, or server to provide an instant Isolation and Surge Protection COM port expansion via the Universal Serial Bus (USB). The USB-SSRS1 provides the scalability to quickly adapt to new USB technologies. Multiple modules can be added to a single USB interface allowing you to add WAN connectivity as needed.

Features

- Fully compatible with USB 1.1 and Forward compatible with USB 2.0.
- Supports 1 DB9-Male UART Serial port.
- Built-in 2500Vrms Optical Isolation Circuits.
- Built-in 500W Bi-direction Surge Protection Circuits.
- Baud Rate: 300bps to 460Kbps
- Automatic recognition of the adapter, driver install is automatic.
- Screw locking mechanism for secure tightening.
- Bus Powered

Product Information

- **Model Number:** [USBG-SSRS1](#)
- **Packing List:**
 - USB to RS232 Isolated Adapter
 - Paper installation Guide
 - Driver Disc
- **Optional Accessories:** N/A

Specifications

OVERVIEW

Product Type	USB to Serial RS-232 Adapter (USB 2.0 backward compatible to USB 1.1)
Electrical Protections	Optical Isolation: 2500Vrms / 500W Bi-Directional Surge Protection
Construction	Plastic
Chip	FTDI
Applications	Data Centers, Automotive peripheral installation, Machine Equipment, Kiosk, Office, and others
Certs / Compatibility	RoHS, Reach 181, TAA

CONNECTIONS

USB	Type-A Male Connector
Serial	1 (Screw lock compatible) DB-9 Male Connector

SERIAL COMMUNICATION

RS-232 Data Signal	Supports 3-wire signals TxD, RxD, GND
Data Bits	7, 8
Stop Bits	1, 2
Parity	None, Odd, Even, Mark, Space
Baud Rate	300 bps to 921.6 Kbps

AVAILABLE POWER MODES

Mode 1	Bus powered only
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ENVIRONMENTAL

Operating Temperature	0 to 55°C (32 TO 131°F)
Operating Humidity	5 to 95% RH
Storage Temperature	-20°C to 85°C (-4 to 185° F)

DIMENSIONS

Length	1.77 in
Width	1.63 in
Height	0.86 in
Cable Length	6FT.

OS SUPPORT

Windows	Windows 7, Windows 8, Windows 10
Other	Linux and Mac OS 10.X
Downstream Ports	N/A

WARRANTY

Warranty Period	1 year from date of purchase
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PRODUCT URL

USBG-SSRS1 Product Page	https://www.coolgear.com/product/usb-rs-232-adapter-industrial-isolated-and-surge-protected-ftdi-chip
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