



STS-1920SI RS-232 to RS-232 Isolation and Surge Protection Adapter

Features



- Provides one RS-232 to RS-232 Adaption
- Supports up to 2,500Vrms 3-way Isolation on Input, output, and power (RXD, TXD, GND)
- Supports 500 Watt Surge Protection
- Supports DB9 Female (DCE) to DB9 Male (DTE) Connector Conversion
- Supports Baud Rate up to 921.6 Kbps
- +5V DC External Power is Required, Powered by AC Adapter or USB Port with USB-to-DC-Jack Cable
- Compact Size for Critical Applications
- No Driver Required for All Operating Systems

Description

The STS-1920SI RS-232 to RS-232 Isolation Adapter is designed for your PC, workstation, thin client, or server to provide an instant isolation solution to the serial devices.

The STS-1920SI equipped a DB9 female connector that can be connected directly to your PC. Its advanced power circuits can get the power from the standard RS-232 signals.

The RS-232 port, configured as a DCE port, has a female DB9 connector with pins for 3 RS-232 signals (TXD, RXD, GND) are isolated coupled to the male DB9 connector configured as a DTE port.

The STS-1920SI is compatible with new and legacy RS-232 devices. It is easy to install and use without turning your PC's power off. It provides the scalability to quickly adapt to new RS-232 technologies to provide an instant isolation and surge protection solution. Complete product line offer many choices help you to expand and make your serial network grow with your requirements.



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Specifications

DCE RS-232 Port

Connector	DB9 Female
Signals	TXD, RXD, GND

DTE RS-232 Port

Connector	DB9 Male
Signals	TXD, RXD, GND

RS-232 Isolation

The Isolation combining high speed optical coupler technologies, these isolation components provide outstanding performance characteristics superior for most of the applications:

- Supports over 2500Vrms Isolation Voltage
- Supports 500 Watt Surge Protection

Environmental

Operating Temperature	0 to 60°C (32 to 140°F)
Storage Temperature	-20 to 85°C (-4 to 185°F)
Operating Humidity	5 to 95% RH

Form Factor

Dimensions (W x H x D)	4.18 x 2.20 x 4.49 cm (1.65 x 1.15 x 1.77 inches)
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Assured Systems

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