

# STS-1920SI

## RS-232 to RS-232 Isolation and Surge Protection Adapter



- ✓ 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



### INTRODUCTION

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.

### 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 Temp.: 0 to 60°C (32 to 140°F)

Storage Temp: -20 to 85°C (-4 to 185°F)

Operating Humidity: 5 to 95% RH

#### Form Factor

1.77" (L)x1.65" (W)x1.15" (H) (4.49 x 4.18 x 2.20 cm)