



## 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.

## 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) |
|------------------------|---|

---