

# STS-1915S/SI

RS-232 to RS-422/485 Serial Converter



## Features

- ▶ Easy RS-422/485 Conversion from RS-232 Port
- ▶ Supports 4-wire RS-422, 2-wire and 4-wire RS-485 applications
- ▶ RS-485 Auto Transceiver Turn Around With ATTA™ Hardware
- ▶ Automatic Baud Rate Detection
- ▶ DB9-Female (RS-232) to 5-pin Terminal Block Connector Conversion
- ▶ Protection: Surge  $\pm 8\text{kV}$  Contact,  $\pm 15\text{kV}$  Air-Gap Discharge, and Isolation:  $2,500\text{Vrms}$
- ▶ No Driver Required for All Operating Systems

## Specifications

### Connector

RS-232 : DB9 Female  
RS-422/485: 5-pin Terminal Block

### No. of Ports

1 x RS-422/485

### RS-232 Signal

TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND

### RS-422 Signal

TxD+, TxD-, RxD+, RxD-, GND

### RS-485 Signal (2-wire)

Data+, Data-, GND

### RS-485 Signal (4-wire)

TxD+, TxD-, RxD+, RxD-, GND

### Baud Rate

Automatic Baud Rate Detection

### Power Requirement

5V/30mA (RS-232 Line Powered)

### Operating Temperature

0 ~ 57 °C

### Storage Temperature

-20 ~ 85 °C

### Humidity

5 ~ 95% RH

### Warranty

5-Year Warranty

## Ordering Information

STS-1915S

RS-232 to RS-422/485 Converter w/Surge Protection, Port-powered

STS-1915SI

RS-232 to RS-422/485 Converter w/Surge & Isolation Protection, Port-powered