

# 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 ±8kV Contact, ±15kV Air-Gap Discharge, and Isolation: 2,500Vrms
- ▶ 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  
STS-1915SI

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

## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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