RS-232 to RS485/422 Serial Converter

StarTech ID: IC485S

IC485S [IC485SIS] converts RS-232 serial interfaces to RS-485/422 serial interfaces for trouble-free data transmission. This 2-in-1 converter converts RS232C to either the RS-485 or RS-422 interface, and is DCE/DTE mode selectable at the flip of a switch, making it easy to change line signals!

The RS232 serial interface converter offers several convenient features including mode selection, point-to-point multidrop configuration and RS 485/422 monitor mode, and is constructed of high grade plastic for enhanced durability. The converter supports connections of up to 4000 ft, with data transfer rates of up to 1MB/sec.

Suitable for a broad range of operating environments, this adapter includes an optional 9V power adapter or can draw power on its own, and is backed by StarTech.com's 2-year warranty and FREE lifetime tech support.

Applications

- Converts RS232C signals to either RS-485 or RS-422 signals
- Great for monitoring or controlling RS-422/485 devices like PLCs and other industrial equipment
- Ideal in office, warehouse, or other environments where RS-232 and RS-485/422 are used

Features

- Supports up to 4000 ft cable length
- Handy DCE/DTE mode selection switch
- Supports point-to-point multidrop configuration
- Can be used to monitor RS-485/422 signals
- Monitor mode allows read only
- Full or half duplex operation
- Durable plastic construction protects interior components
- Draws power from connection or uses 9V power adapter (included)
- 2-year warranty and FREE LIFETIME technical support

Technical Specifications

Warranty	2 Years
Interface	Serial
Port Style	Cable Adapter
Ports	1
Max Baud Rate	115.2 Kbps
Maximum Cable Length	4000 ft [1219.5 m]
Maximum Data Transfer Rate	1MB/sec
Serial Protocol	RS-422/485
Connector Type(s)	1 - DB-25 (25 pin; D-Sub) Female
Connector Type(s)	1 - RJ-11 Female
Connector Type(s)	1 - Terminal Block (4 Wire)
Center Tip Polarity	Positive
Output Current	0.3A
Output Voltage	9 DC
Plug Type	M
Power Source	AC Adapter Included
Humidity	0~80% RH
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 60°C (4°F to 140°F)
Color	Gray
Enclosure Type	Plastic
Product Height	0.7 in [19 mm]
Product Length	2.7 in [68 mm]
Product Weight	1.7 oz [47 g]
Product Width	2.1 in [54 mm]
Shipping (Package) Weight	0.9 lb [0.4 kg]
Included in Package	1 - INTERFACE CONVERTER
Included in Package	1 - ADAPTER
Included in Package	1 - MANUAL

Certifications, Reports and Compatibility

RoHS Compliant
Available

CE

FC