

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 1-year warranty and FREE lifetime tech support.

Applications and Solutions

- 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

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

Technical Specifications

- Color: Beige
- Connector Types: 1 - RJ11 Female
- Connector Types: 1 - Terminal Block
- Connector Types: 1 - DB25 Female
- Product Height: 0.75 in [19 mm]
- Product Length: 2.91 in [74 mm]
- Output Current: 300mA
- Output Voltage: 9 DC
- Plug Type: F
- Power Adapter Included: Yes
- Power Adapter - Amperage: 0.3A
- Power Adapter - DC Voltage: DC 9
- Center Tip Polarity: Positive
- Carton Quantity: 20
- Shipping (Package) Weight: 0.86 lb [0.39 kg]
- Product Width: 2.13 in [54 mm]
- Data rate: Up to 1MB/sec
- Cable length: Up to 4000ft.
- RS-232 connector: DB9 Female
- RS-485 connector: RJ11 Female or 4 terminal block
- Dimensions (mm): 54 x 74 x 19
- Power: Self-powered or DC 9V 200mA