



RS-232 to RS-422, RS-485 Isolated Serial Interface Converter

Part: 1103 | **Model:** IC485+I

The 1103 serial interface converter provides Isolation and Auto baud capabilities, truly making it a no compromise interface converter. Isolation is important in installations where the equipment connected to the PC is either located far from the host system, or on a different power transformer circuit. Isolation on the IC485+I eliminates the effects of Ground Loop Current, a commonly neglected and misunderstood phenomenon that leads to data errors and the destruction of communications equipment.

Note: *This item has a minimum order quantity (MOQ) of 25 units. Please contact your sales representative with any questions.*

Features & Specifications

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Features

- Configurable for RS-422 or RS-485
- Optical isolation provides protection against transients and ground loops
- Data rates to 115.2K bps
- Reliable communication up to 4000 feet
- Automatic RS-485 enable/disable
- DB-25F connector on RS-232 side
- 6 position screw terminals on RS-422/485 side
- AC adapter included (Item# TR107)

Specifications

Dimensions	3.8 (L) x 2.3 (W) x 1.0 (H)
Electrical Interface	RS-232, RS-422, RS-485
Humidity Range	10 – 90% Relative Humidity, Non-Condensing
Host Interface(s)	RS-232
Max Data Distance	4000 feet
Max Data Rate	115.2K bps
Optically Isolated	Yes
Operating Temperature	0°C to 70°C (32°F to 158°F)
# of Ports	1
Power Requirement	5VDC @ 300mA
Serial Connector(s)	Screw Terminals
Storage Temperature	-50°C to 105°C (-58°F to 221°F)