

RS485 to TCP/IP Converter

The 10/100 Mbps TCP/IP Converter Converts the RS 485 Inputs to the TCP Output and Vice Versa.



The RS485 to TCP / IP Converter is a 10/100 Mbps Converter with built – in lightning protection. It has an entry Grommet for the RS 485 receiving socket and TCP/IP OUT on other side. It also has a power input socket. It supports a power supply module having a 220V AC wire plug on one side and a banana pin on the other side which mates into the power socket of the converter. This supply is 5V DC. In addition to these a Green wire will be emanating out of the converter. Care should be taken to ensure that this Green wire is connected to a proper EARTH. If this is not done, the entire advantage of having lightning arrestor circuitry on-board is lost.

Communication Interfaces	
Ethernet Interface	10 / 100 Base Mbps
Serial Interface	RS485 - 2 wire
Baud Rates	1200 to 115 Kbps (Default set to 19200) .
Network Protocols	TCP, IP, ICMP, ARP, Telnet, UDP.
Configuration	Through Ethernet Port, Utility on a PC.
Indications	4 Status LED's for Serial & Ethernet activities.
Modes	Both Master / Slave modes are possible.
Mechanical : Connectors	
RS485	4 way phoenix
Ethernet	RJ45
Dimensions	115 mm X 90 mm X 55 mm
Power Supply	
External Power Supply	5V DC, 350mA regulated
Environmental	
Operating Temperature	0°C to 55°C.
Relative Humidity	10 to 90 % RH non-condensing.

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Technical Specification

Voltage requirement	5Vdc (PS module is supplied along with convertor.)
Convertor Input	RS 485
Convertor Output	TCP/IP
Normal current consumption	350 m amps
Operating temperature	0°C to + 55°C (32°F to 131°F)
Relative humidity	90% max, operating non-condensing
Casing	IP65
Status LED	Green & Red
Color	Matt Grey
Warranty Policy	Warranty for 18 months from date of delivery against defective workmanship

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