Introduction

Ethernet to 485/232 Converter, a fast single ports serial to Ethernet device, is designed to instantly convert data from RS-232/422/485 interfaces to a 10/100Mbps Ethernet network running at the TCP/IP protocol. By using existing network infrastructure the device allow you to link a distant serial peripherals. You can reach it from Windows, Linux and UNIX without the need to modify existing software. The converter operates in “Direct IP Mode”, “Virtual COM Mode”, and “Paired Mode”. It has one synchronous DB-9 serial ports equipped 10/100 Mbps Ethernet RJ-45 connection. The Ethernet port may auto-select 10Base-T or 100Base-TX. The converter also offers a Heart Beat feature to ensure a reliable communicating connection. TRP-C31 will work at Loop back Mode, all data is sent back immediately. This feature makes the connection testing easy. And the industry standard DIN rail design enables fast and professional installation.

Features

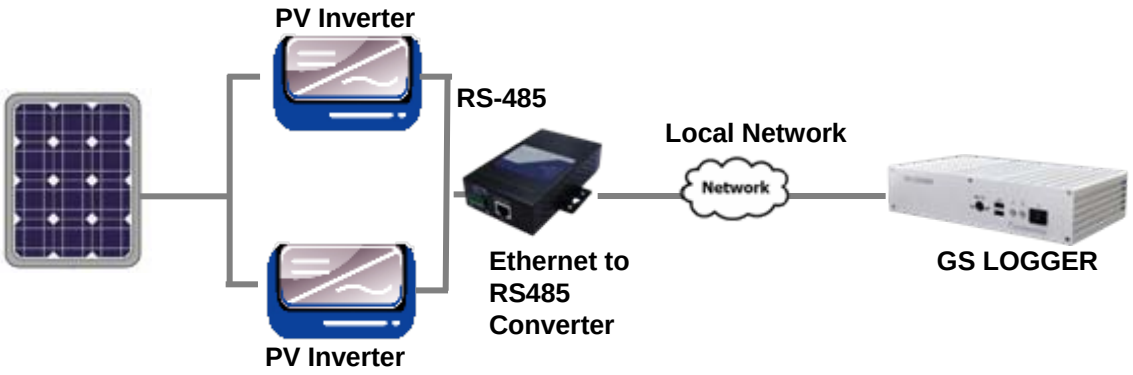
- •DIN rail or Panel mount support.
- •RS-232/422/485 all-in-one serial interface.
- •Auto-detecting 10/100Mbps Ethernet interface.
- •In Server mode supports individual client sessions for security.
- •Virtual COM drivers for Windows NT/98/ME/2000/XP/Vista/Window 2003/CE/Server x64.
- •Auto direction flow control on RS-485.
- •Provide with +/- 15KV ESD protection on RS-232/422/485 signals.
- •Supported baud rate up to 230.4 Kbps.
- •Power/Link/COM Flow LED indicators.
- •Support intranet and internet system setting function.
- •Support screw terminal and standard external DC power adaptor.

Specifications

•CPU: RDC 80186.
•System memory: 1MB Byte.
•SDRAM: 1MB Byte.
•Flash: 256KB.
•Serial Memory: output: 64K bytes per port.
•LAN: 10/100 Mbps Auto-detecting.
•Power Input Voltage: DC +7.5V to +15V.
•LAN: 10/100 Mbps Auto-detecting.
•Serial Interfaces: RS232, RS422, and RS485 auto-switching.
•RS-232: TX, RX, RTS, CTS, DTR, DSR, DCD, and GND.
•RS-422: TX+, TX-,RX+, RX-,RTS+,RTS-,CTS+,CTS-,GND.
•RS-485: Data +, Data –, GND.
•Data Rate: 110 bps to 230.4 k bps.
•Parity: none, even, odd, mark, space.
•Data Bits: 5, 6, 7 or 8.
•Stop Bits: 1, 1.5 or 2.
•Protocol: TCP, IP, ARP, DHCP, Telnet, HTTP, UDP, ICMP.
•Power supply: Screw terminal, or standard external DC adapter.
•Power consumption: 15V/190mA.
•Operating temperature: 0 to 60℃.
•Storage temperature: -20 to 70℃.
•Humidity: 10 ~ 90% Non-Condensing.
•Dimensions: 151mm X 77mm X 26mm.
•Weight: 377g

Accessories

•PWR-AD12V-Auto(Option)	Switching Adaptor Input:100~240VAC 50/60Hz 260mA Output: DC 12V/1A Certificate: CE, FCC, UL, PSE	
•T-snap (Option)	DIN rail mounting adapter	


PV Inverter
RS-485
Local Network
Network
Ethernet to
RS485
Converter
GS LOGGER
PV Inverter