

ECom-03_11

ETH to RS485/RS232



Features

- Connect **Isolated** RS485/ **Isolated** RS232 devices to your Ethernet port
- RS485 data rate up to 115.2kbps
- RS232 data rate up to 200kbps
- Maximum 32 devices on RS485
- Convenient, quick inline installation
- Removable terminal block for easy wiring
- Two independent, simultaneously active serial channels **UART1 (RS485)** and **UART2 (RS232)**.
- 10/100 Mbps Ethernet connectivity with support for **Static IP** and **DHCP** addressing.
- Built-in web-based configuration dashboard that allows device configuration without installing additional software.
- Independent **TCP Server** and **TCP Client** operating modes for each UART channel.
- Configurable baud rate, data bits, parity, stop bits, packet timeout, and maximum packet size for each UART channel.
- On-board status LEDs for power, device status, and UART transmit/receive activity
- Device discovery and IP configuration using the companion **INS Device Finder** application
- Maximum packet size of 1000 bytes

Specifications

Serial Port

- RS485 DataA(+), DataB(-), Ground (Isolation 2500VDC)
- RS232 1(Tx), 2(Rx), 3(GND), Removable
- Connector RS485 - 115.2 kbps, RS232 - 200 kbps.
- Data Rate

Power

- Input Voltage 24V DC

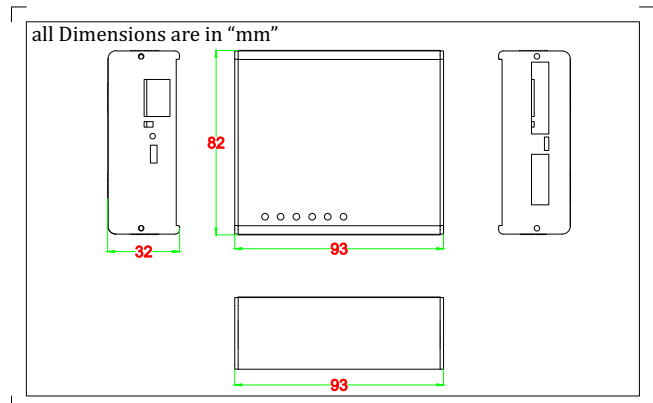
Environmental

- Operating Temperature 0 °C to + 70 °C
- Storage Temperature -40 °C to + 85 °C
- Operating Humidity 0 to 95% (non-condensing)

Mechanical

- Dimensions (mm) 82.0(L) X 93.0(W) X 32.0(H)
- Enclosure Aluminium HE30
- Weight 180g

Mechanical Dimensions



Application

