

Modbus RTU to BACnet IP Gateway

NewroCon BACnet Gateway

BACnet Gateway provides a cost effective interface to Building Management Systems (BMS)

Hardware Specification

Processor - ARM Cortex M7 with 600MHz speed

Memory

256Mb SDRAM, 32 Mb Flash

Power Requirements

Voltage: VAC 12-24 Volts (Or) VDC 9-36 Volts
Current : 280m A @ 24VDC

Communication

1x10/100 Mbps Ethernet Port for BACnet TCP/IP
2x RS485 Ports (Optional Isolated Interface)
Modbus RTU
Protection - 2KV Electromagnetism Isolation
Interface - RS-485 2 Wire (A+,B-)
Baud Rate - 9600, 19200, 38400
Check Bit - None, Even, Odd
Buffer - Send and Receive 1K bytes

Configuration

Webpage & CSV

Architecture

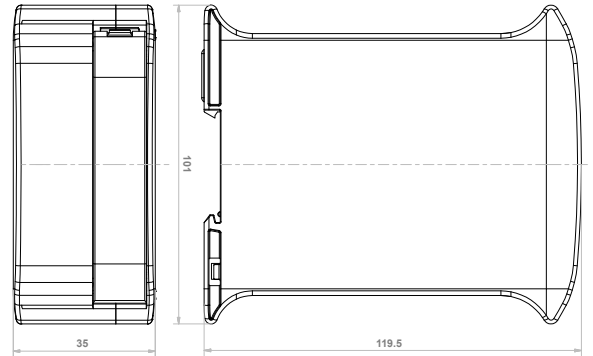


Environmental

Operating Temperature: -40 - 80 degC
Relative Humidity: 5-80% RH, Non-Condensing

Enclosure

Housing: ABS
Mounting: 35mm DIN Rail
Dimensions: 119.5 x 35 x 101 (LxWxH)



To communicate to multiple Modbus RTU devices at the same time across a RTU network. Only chosen points can be read from multiple Modbus RTU devices by BMS as a single BACnet IP device