

CAS2700-09– Gateway – ModbusRTU and BACnetIP

- *Exchange data between protocols.*
- *Read and Write*
- *Onboard web server provides configuration, stats and data*



Description

Connects to Modbus slaves to read and write data.

Data is served as BACnetIP data.

Configure the Modbus Devices, baud rates, registers, coils etc , how often data must be read / written.

Scaling and arithmetic functions are provided to allow data to be scaled and converted between integer and various 32 bit formats such as floating point numbers, integers and MK10 formts. Bits can be extracted and set.

In addition, current data can be monitored by remote systems running applications that can issue HTTP or SOAP/XML GET requests – such applications can be easily developed by end users. Of course, this data is available using an

Internet Browser such as Internet Explorer or Google Chrome

Data Transfer

Bi-Directional. Data can be read and written to Modbus Slaves.

Modbus Functions

Functions codes supported

- 01 Read Coil Status
- 02 Read Input Status
- 03 Read Holding Registers
- 04 Read Input Registers
- 15 Force Multiple Coils

16 Preset Multiple Regs

BACnet IP

Connect to multiple BACnetIP devices.

IP and Address are configurable.

Connection port is configurable.

Data objects, types and properties are configurable.

Device Specifications

Environmental Parameters

Operating Temperature: 0 to 70 C

Humidity: 5% to 95% (non-condensing)

Dimensions

4.2" x 3.25" x 1"

Power Supply

Power: 5-24VDC

Power Adapter: 60W, VAC 100~240V adapter

Compliance

CE, FCC UL and ULc approved

RoHS, Lead-Free

Interfaces

1xRS485 Port

1xRS232 (Debug Port)

1xMicros SD Card

1x 10/100/1000 RJ45 Network

Memory/Operation

2MBytes flash memory, 8MBytes of SDRAM

LEDs: Link, Speed/Data, Power

Case

Aluminum with textured paint

Connection Configurations

