CAS2700-08 Gateway
ModbusTCP 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, IP Addresses and Ports, 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 formats. 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

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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