CAS2500-05 – BACnetEth Data Client

- *Collect and log data from BACnet Ethernet Enabled devices.*
  BACnet Ethernet is also known as BACnet 802.3. It predates BACnetIP.
- *View Log and current data using the onboard web server.*
- *Serves data to other applications using XML or HTTP*
- *Upload log files for later review.*
- *Simple and easy to use and configure.*

Description

Connects to BACnet Ethernet devices to read data. The data and transactions are logged. The log files are available and can be transferred to other computers. Current data can be monitored by remote systems running applications that can issue HTTP or SOAP/XMP 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. Connection parameters, device parameters and data parameters are configurable.

Logging

Log records of each BACnet Ethernet read and response transactions are maintained in the file system. Log record with time stamps of data returned by BACnet Ethernet devices are maintained in the file system. These files are (zipped) human readable data.
Log files can be uploaded to a remote PC using HTTP.
The system can be configured to write copies of the log records to files on a USB memory stick connected to one of the USB ports. (USB sticks have limits on re-use).
When file space runs low, the data client overwrites older files.
Optional hard disk improves performance and capacity significantly.

Data Serving

The current value of any/all data objects reads from the BACnet Devices can be monitored remotely using HTTP or XML by using HTTP GET requests or XML/SOAP requests.

BACnet Ethernet

Connect to multiple BACnetEth devices.
Device instance is configurable
Data objects, types and properties are configurable.

Device Specifications

Embedded Fanless System Onboard Intel Atom 1.6Ghz CPU
Environmental Parameters
Temperature, ambient operating: -10°~55℃
Humidity (RH), ambient operating: 10~95%, non-condensing
Dimensions
144D x 190W x 36H mm
Power Supply
Input: 12V DC (ATX mode)
Power Adapter: 60W, VAC 100~240V adapter
Compliance
CE, FCC, RoHS
Interfaces
1xRS485 Port
1xRS232
1xCompact Flash
2x 10/100/1000 Realtek Network
Optional 2.5: SATA Hard Drive
Construction
Aluminum extrusion