



## CAS2500-06-UL – BACnet MSTP Data Client

- *Collect and log data from MSTP Enabled devices.*
- *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 MSTP devices slaves to read data. One RS485 trunk with a max of 32 devices is supported. 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 read and response transactions are maintained in the file system. Log record with time stamps of data returned by field 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. When file space runs low, the data client overwrites older files.

### Data Servicing

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



## **BACnet MSTP**

Standard baud rates up to 38400k are supported.  
Hardware handshaking and XON/OFF not supported.  
Can only connect to Masters (token passing devices)  
Read and Write supported.  
2 Wire RS485.

## **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

