



BACnet Protocol Implementation Conformance Statement

Date:	2/14/2006	Vendor Name:	Ebtron Inc.
Product Name:	GTN116	Application Software Version:	1.0
Product Model Number:		Firmware Revision:	5.xx
Product Description:	Thermal dispersion airflow / temperature measurement.	BACnet Protocol Revision:	4

BACnet Standardized Device Profile (Annex L):

- BACnet Operator Workstation (B-OWS)
- BACnet Building Controller (B-BC)
- BACnet Advanced Application Controller (B-AAC)
- BACnet Application Specific Controller (B-ASC)
- BACnet Smart Sensor (B-SS)
- BACnet Smart Actuator (B-SA)

BACnet Interoperability Building Blocks Supported (Annex K):

DS-RP-B	DM-DCC-B
DS-WP-B	DM-DDB-B
DS-COV-B	

Segmentation Capability:

- Segmented requests supported Window Size _____
- Segmented responses supported Window Size _____

Standard Object Types Supported: (See Table 1.)

Data Link Layer Options:

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- ANSI/ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
- ANSI/ATA 878.1, RS-485 ARCNET (Clause 8), baud rate(s) 156,250 baud.
- MS/TP master (Clause 9), baud rate(s): 9,600, 19,200, 38,400, 76,800.
- MS/TP slave (Clause 9), baud rate(s): _____
- Point-To-Point, EIA 232 (Clause 10), baud rate(s): _____
- Point-To-Point, modem, (Clause 10), baud rate(s): _____
- LonTalk, (Clause 11), medium: _____
- Other: _____

Device Address Binding:

Is static device binding supported? (This is currently necessary for two-way communication with MS/TP slaves and certain other devices.) Yes No

Networking Options:

- Router, Clause 6 - List all routing configurations, e.g., ARCNET-Ethernet, Ethernet-MS/TP, etc.
 - Annex H, BACnet Tunneling Router over IP
 - BACnet/IP Broadcast Management Device (BBMD)
- Does the BBMD support registrations by Foreign Devices? Yes No

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Character Sets Supported:

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

- | | | |
|---|---|-------------------------------------|
| <input checked="" type="checkbox"/> ANSI X3.4 | <input type="checkbox"/> IBM™/Microsoft™ DBCS | <input type="checkbox"/> ISO 8859-1 |
| <input type="checkbox"/> ISO 10646 (UCS-2) | <input type="checkbox"/> ISO 10646 (UCS-4) | <input type="checkbox"/> JIS C 6226 |

If this product is a communication gateway, describe the types of non-BACnet equipment/networks(s) that the gateway supports: _____

TABLE 1 - Standard Object Types Supported

Object	Create Object Service	Delete Object Service	Optional Properties Supported	Writeable Properties	Proprietary Properties	Property Range Restrictions
Device	No	No	<ul style="list-style-type: none"> • Description • Location • Max Master • Max Info Frames • Active COV Subscriptions 	<ul style="list-style-type: none"> • APDU Timeout • Description • Location • Max Master • Max Info Frames • Object Identifier • Object Name 	None	None
Analog Input 1 – Airflow	No	No	<ul style="list-style-type: none"> • Description • Device Type • Reliability • Min Pres Value • Max Pres Value • COV Increment 	<ul style="list-style-type: none"> • Out of Service • Units • Present Value • COV Increment 	None	Units limited to: <ul style="list-style-type: none"> • FPM • CFM • MPS • LPS
Analog Input 2 – Pressure	No	No	<ul style="list-style-type: none"> • Description • Device Type • Reliability • Min Pres Value • Max Pres Value • COV Increment 	<ul style="list-style-type: none"> • Out of Service • Units • Present Value • COV Increment 	None	Units limited to: <ul style="list-style-type: none"> • in. H₂O • Pa
Analog Input 3 – Temperature	No	No	<ul style="list-style-type: none"> • Description • Device Type • Reliability • Min Pres Value • Max Pres Value • COV Increment 	<ul style="list-style-type: none"> • Out of Service • Units • Present Value • COV Increment 	None	Units limited to: <ul style="list-style-type: none"> • degrees C • degrees F
Analog Value 1 – Free Area	No	No	<ul style="list-style-type: none"> • Description • Reliability 	Present Value	None	None
Analog Value 2 – Baud Rate	No	No	<ul style="list-style-type: none"> • Description • Reliability 	Present Value	None	Present Value limited to: <ul style="list-style-type: none"> • 9600 • 19200 • 38400 • 78600 (baud)
Analog Value 3 - Airflow Traverse	No	No	<ul style="list-style-type: none"> • Description • Reliability 	None	None	None
Analog Value 4 - Temperature Traverse	No	No	<ul style="list-style-type: none"> • Description • Reliability 	None	None	None
Binary Value 1 - Auto Baud Rate Detection	No	No	<ul style="list-style-type: none"> • Description • Reliability • Inactive Text • Active Text 	None	None	None

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