



BACnet Protocol Implementation Conformance Statement

Date:	1/7/2015	Vendor Name:	Ebtron Inc.
Product Name:	GTC116-B	Application Software Version:	1.0
Product Model Number:	400-1810	Firmware Revision:	7.04
Product Description:	Thermal Dispersion Airflow and Temperature Measuring	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-DDB-B
DS-WP-B	DM-DOB-B
DS-COV-B	DM-DCC-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) _____
- 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



Character Sets Supported:

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

- ANSI X3.4 IBM™/Microsoft™ DBCS ISO 8859-1
- ISO 10646 (UCS-2) ISO 10646 (UCS-4) JIS C 6226

Gateway:

This product does not support gateway functionality for any types of non-BACnet equipment/network(s).

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"> • Object Name • Description • Location • Object Identifier • APDU Timeout • Max Info Frames • Max Master 	None	None
Analog Input 1 – Airflow	No	No	<ul style="list-style-type: none"> • Description • Reliability • COV Increment 	<ul style="list-style-type: none"> • Units • COV Increment • Out of Service • Present Value 	None	Units: FPM, CFM, MPS, LPS
Analog Input 2 – Pressure	No	No	<ul style="list-style-type: none"> • Description • Reliability • COV Increment 	<ul style="list-style-type: none"> • Units • COV Increment • Out of Service • Present Value 	None	Units: in H ₂ O, Pa
Analog Input 3 – Temperature	No	No	<ul style="list-style-type: none"> • Description • Reliability • COV Increment 	<ul style="list-style-type: none"> • Units • COV Increment • Out of Service • Present Value 	None	Units: °F or °C
Analog Input 3 – Alarm Status	No	No	<ul style="list-style-type: none"> • Description • Reliability • COV Increment 	<ul style="list-style-type: none"> • Out of Service • Present Value 	None	None
Analog Value 1 – Free Area	No	No	<ul style="list-style-type: none"> • Description • Reliability 	<ul style="list-style-type: none"> • Units 	None	Units: Sq. Ft, Sq. M
Analog Value 2 – Traverse Status	No	No	<ul style="list-style-type: none"> • Description • Reliability 	<ul style="list-style-type: none"> • Present Value 	None	Present Value: 0 - 3