



BACnet Protocol Implementation Conformance Statement

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|------------------------------|--|--------------------------------------|----------------------------------|---|
| Date: | February 2004 | Vendor Name: | Ebtron Inc. | |
| Product Name: | STN104 | Application Software Version: | 1.0 | |
| Product Model Number: | | Firmware Revision: | 4.xx | |
| Product Description: | Thermal dispersion airflow / temperature measurement device. | | BACnet Protocol Revision: | 1 |

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 | |
| | |

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 |
|------------------------------|-----------------------|-----------------------|--------------------------------|----------------------------------|------------------------|---|
| Analog Input 0 – Airflow | No | No | • Device Type • Reliability | • Units • Object Name | None | Units limited to: • FPM • CFM • MPS • LPS |
| Analog Input 1 – Pressure | No | No | • Device Type • Reliability | • Units • Object Name | None | Units limited to: • in. H ₂ O • Pa |
| Analog Input 2 – Temperature | No | No | • Device Type • Reliability | • Units • Object Name | None | Units limited to: • degrees C • degrees F |
| Analog Value 0 – Free Area | No | No | None | • Present Value • Object Name | None | None |
| Analog Value 1 – Baud Rate | No | No | None | • Present Value | None | None |

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