

BACnet Protocol Implementation Conformance Statement

Date: 01/01/2018
Vendor Name: Solidyne Corp.
Product Name: SAM
Product Model Number: SAM-xxx
Applications Software Version: V05.11 Firmware Revision: 01/01/2018 BACnet Protocol Revision: 8

Product Description:

The SAM family of controllers are used in building automation and energy management systems.

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)

List all BACnet Interoperability Building Blocks Supported (Annex K):

- K.1.2 BIBB - Data Sharing-ReadProperty-B (DS-RP-B)
- K.1.8 BIBB - Data Sharing-WriteProperty-B (DS-WP-B)
- K.1.15 BIBB - Data Sharing-COV-Unsolicited-A (DS-COVU-A)
- K.1.16 BIBB - Data Sharing-COV-Unsolicited-B (DS-COVU-B)
- K.5.2 BIBB - Device Management-Dynamic Device Binding-B (DM-DDB-B)

Segmentation Capability:

Not Able to transmit segmented messages Window Size _____
Not Able to receive segmented messages Window Size _____

Standard Object Types Supported:

An object type is supported if it may be present in the device. For each standard Object Type supported provide the following data:

- 1) Whether objects of this type are dynamically creatable using the CreateObject service
- 2) Whether objects of this type are dynamically deletable using the DeleteObject service
- 3) List of the optional properties supported
- 4) List of all properties that are writable where not otherwise required by this standard
- 5) List of proprietary properties and for each its property identifier, datatype, and meaning
- 6) List of any property range restrictions

Note: For all the Object Types listed here, none are dynamically creatable, none are dynamically deletable and no optional properties are supported.

Analog Input
Analog Output
Analog Value
Binary Input
Binary Output
Binary Value
Device Object

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, EIA-485 ARCNET (Clause 8), baud rate(s) _____
- MS/TP master (Clause 9), baud rate(s): **9600, 19200, 38400, 57600, 76800**
- 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.) **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

If this product is a communication gateway, describe the types of non-BACnet equipment/networks(s) that the gateway supports: **This product is not a communication gateway.**