

BASpi-Edge 6/6 and BASpi-Edge 6/4/2 Cloud Connected BACnet Controller



BACnet Protocol Implementation Conformance Statement (Annex A)

Date: October 7, 2020
Vendor Name: Contemporary Controls
Product Name: BASpi-Edge 6/6 and BASpi-Edge 6/4/2
Product Model Number: BASPI-E6U6R and BASPI-E6U4R2A
Applications Software Version: 1.2.28 **Firmware Revision:** 1.0.33 **BACnet Protocol Revision:** 14
Product Description: BACnet/IP compliant 12-point cloud connected controller that allows a direct connection to Ethernet or WiFi.

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 Block Supported (Annex K):

- DS-RP-A Data Sharing — ReadProperty — A
- DS-RP-B Data Sharing — ReadProperty — B
- DS-WP-A Data Sharing — WriteProperty — A
- DS-WP-B Data Sharing — WriteProperty — B
- DS-RPM-B Data Sharing — ReadPropertyMultiple — B
- DS-WPM-B Data Sharing — WritePropertyMultiple — B
- DS-COV-B Data Sharing — ChangeOfValue — B
- DM-DDB-B Device Management — Dynamic Device Binding — B
- DM-DOB-B Device Management — Dynamic Object Binding — B
- DM-DCC-B Device Management — Device Communication Control — B
- DM-TS-A Device Management — Time Synchronization — A
- DM-TS-B Device Management — Time Synchronization — B

Segmentation Capability:

- Able to transmit segmented messages Window Size:
- Able to receive segmented messages Window Size:

Standard Object Types Supported:

Object Type Supported	Can Be Created Dynamically	Can Be Deleted Dynamically
Analog Input	No	No
Analog Output*	No	No
Analog Value	No	No
Binary Input	No	No
Binary Output	No	No
Binary Value	No	No
Device	No	No

No optional properties are supported. *Only available on the BASPI-E6U4R2A model

Data Link Layer Options:

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- 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, 115200
- 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-MS/TP, etc.
- Annex H, BACnet Tunnelling 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/network(s) that the gateway supports: No gateway support.

*After adding the USB to RS-485 adapter