Price Intelligent Controller v3

ANNEX A
BACNET PROTOCOL IMPLEMENTATION CONFORMANCE STATEMENT (NORMATIVE)

Date: December 11, 2012
Vendor Name: EH Price Limited (158)
Product Name: Price Intelligent Controller v3 (PICv3)
Product Model Number:
Applications Software Version: PS 2.81 **Firmware Revision:** 3.00 **BACnet Protocol Revision:** 7

Product Description:
The Price Intelligent Controller v3 (PICv3) is a universal DDC control package that offers a new level of zone control. An advanced and configurable proportional integral controller allows for exceptional user comfort and energy efficiency.

BACnet Standardized Device Profile (Annex L):
☐ BACnet Operator Workstation (B-OWS)
☐ BACnet Advanced Operator Workstation (B-AWS)
☐ BACnet Operator Display (B-OD)
☐ 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):
DS-RP-B, DS-RPM-B, DS-WP-B, DS-WPM-B, DM-DDB-B, DM-DOB-B, DM-RD-B

Segmentation Capability:
☐ Able to transmit segmented messages
☐ Able to receive segmented messages

Standard Object Types Supported:

Object Type	Writeable Properties	Optional Properties
Analog Input	OUT_OF_SERVICE, PRESENT_VALUE	
Analog Output	PRESENT_VALUE	
Analog Value	PRESENT_VALUE	
Binary Input	OUT_OF_SERVICE, PRESENT_VALUE	ACTIVE_TEXT, INACTIVE_TEXT
Binary Output	PRESENT_VALUE	ACTIVE_TEXT, INACTIVE_TEXT
Binary Value	PRESENT_VALUE	ACTIVE_TEXT, INACTIVE_TEXT
Device	OBJECT_NAME, LOCATION	LOCATION, MAX_INFO_FRAMES, MAX_MASTER
Multi-State Input	OUT_OF_SERVICE, PRESENT_VALUE	STATE_TEXT
Multi-State Output	PRESENT_VALUE	STATE_TEXT
Multi-State Value	PRESENT_VALUE	STATE_TEXT

The PICv3 does not support dynamic creation of objects using the CreateObject service. The PICv3 does not support dynamic deletion of objects using the DeleteObject service.

Data Link Layer Options:
☐ BACnet IP, (Annex J)
☐ BACnet IP, (Annex J), Foreign Device
☐ ISO 8802-3, Ethernet (Clause 7)
☐ ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
☐ ATA 878.1, EIA-485 ARCNET (Clause 8)
☐ MS/TP master (Clause 9), baud rate(s): 9600, 19200, 38400, 76800
☐ MS/TP slave (Clause 9)
☐ Point-To-Point, EIA 232 (Clause 10)
☐ Point-To-Point, modem, (Clause 10)
☐ LonTalk, (Clause 11)
☐ BACnet/Zigbee (Annex O)
☐ 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
      Does the BBMD support network address translation?   ☐ 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: Not applicable to PICv3.

Network Security Options:
☒ Non-secure Device – is capable of operating without BACnet Network Security
☐ Secure Device – is capable of using BACnet Network Security (NS-SD BBIB)
      ☐ Multiple Application-Specific Keys
      ☐ Supports encryption (NS-ED BBIB)
      ☐ Key Server (NS-KS BBIB)