BACnet Protocol Implementation Conformance Statement

For the KMD-5205-006
LanLite BACnet and Modbus Interface

BACnet Protocol Implementation Conformance Statement
(BACnet Testing Laboratories Version)

Date: 14 October 2011
Vendor Name: KMC Controls
Product Name: LanLite BACnet Interface
Product Model Number: KMD-5205-006
Applications Software Version: N/A   **Firmware Revision:** KMD-5205 Build 2.0.0.39
BACnet Protocol Revision: 135-2001 (1)

Product Description:
The KMD-5205-006 LanLite provides a BACnet interface to KMC Digital systems using an Ethernet Connection. It also includes a gateway to Modbus RTU.

The KMD-5205 LanLite is a programmable direct digital controller and LAN Communications manager, controlling up to 8 inputs and 8 outputs. LanLite will integrate to a BACnet network using Ethernet (ISO 8802-3).

List all BACnet Interoperability Building Blocks supported (see Annex K in BACnet 2001):

DM-DDB-A, DM-DDB-B, DM-DOB-B, DS-RP-A, DS-RP-B, DS-RPM-B, DS-WP-A, DS-WP-B

Which of the following device binding methods does the product support? (check one or more)

☑ Send Who-Is, receive I-Am (BIBB DM-DDB-A)
☑ Receive Who-Is, send I-Am (BIBB DM-DDB-B)
☐ Send Who-Has, receive I-Have (BIBB DM-DOB-A)
☑ Receive Who-Has, send I-Have (BIBB DM-DOB-B)
☐ Manual configuration of recipient device's network number and MAC address
☐ None of the above

Standard Object Types Supported:

OBJECT	CREATABLE	DELETABLE	OPTIONAL PROPERTIES
Analog Input	No	No	Description,
Analog Output	No	No	Description,
Analog value	No	No	Description,
Binary Input	No	No	Description,
Binary Output	No	No	Description,
Binary Value	No	No	Description,
Device	No	No	Description, Local_Date, Local_Time, Location

Data Link Layer Options (check all that are supported):

☐ BACnet IP, (Annex J)
    ☐ Able to register as a 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): 9600, 19200, 38400, 76800
☐ MS/TP slave (Clause 9), baud rate(s): 9600, 19200, 38400, 76800
☐ Point-To-Point, EIA 232 (Clause 10), baud rate(s): _____
☐ Point-To-Point, modem, (Clause 10), baud rate(s): _____
☐ LonTalk, (Clause 11), medium: _____
☐ Other: _____

Networking Options (check all that are supported):

☐ Router, Clause 6 - List all routing configurations, e.g., ARCNET-Ethernet, Ethernet-MS/TP, etc.:
    _____

☐ Annex H.3, BACnet Tunneling Router over UDP/IP
☐ BACnet/IP Broadcast Management Device (BBMD)
    Does the BBMD support registrations by Foreign Devices? ☐ Yes ☐ No

Segmentation Capability (check all that apply):

    ☐ Able to transmit segmented messages   Window Size _____
    ☐ Able to receive segmented messages   Window Size _____

Character Sets Supported (check all that apply):

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 (ICS-4)   ☐ JIS C 6226

If this product is a communication gateway, describe the non-BACnet equipment/network(s) that the gateway supports:

Modus RTU and KMC Controls KMDigital Tier 1

Include any addition information about the product's BACnet capabilities relevant to interoperability:

_____
_____
_____
_____
_____
_____