

ANNEX A - PROTOCOL IMPLEMENTATION CONFORMANCE STATEMENT (NORMATIVE)

(This annex is part of this Standard and is required for its use.)

BACnet Protocol Implementation Conformance Statement**Date:** March 21, 2016**Vendor Name:** Duksan Mecasys Co., Ltd.**Product Name:** IDC Series BACnet Controller**Product Model Number:** IDC-3032M**Application Software Version:** _____ **Firmware Revision:** Ver 1.00 **BACnet Protocol Revision:** _____**Product Description:**

IDC-3032M is a general Direct Digital Controller (DDC) which provides various functions in building control area. This IDC-3032M has 8 binary outputs, 24 binary inputs and provides complex control, monitoring to field devices.

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):

Data Sharing – ReadProperty – B

Data Sharing – WriteProperty – B

Device Management – Dynamic Device Binding – B

Device Management – Dynamic Object Binding – B

Device Management – Device Communication Control –B

Segmentation Capability:

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

Standard Object Types Supported:

Product	Object Type	Creatable	Deletable
IDC-3032M	Binary Output	No	No
	Binary Input	No	No
	Device	No	No

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), baud rate(s) _____
- MS/TP master (Clause 9), baud rate(s): _____
- 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: _____
- 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

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 BIBB)
 - Multiple Application-Specific Keys:
 - Supports encryption (NS-ED BIBB)
 - Key Server (NS-KS BIBB)

Character Sets Supported:

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

- ISO 10646 (UTF-8)
- IBM™/Microsoft™ DBCS
- ISO 8859-1
- ISO 10646 (UCS-2)
- ISO 10646 (UCS-4)
- JIS X 0208

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

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