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BACnet Testing Laboratories Product Listing

This product has been tested at a qualified BACnet Testing Laboratory and found to comply with all the necessary interoperability requirements in place on the published test date. This listing represents the tested capability of the Listed Product. For information on additional functionality that was not covered in the test process, refer to the Manufacturer's PICS statement on the BI website.

Listing Information

| | | |
|--|--------------------------|--------------------------------------|
| Vendor Delta Controls 17850 56 th Ave. Surrey, BC Canada V3S 1C7 | | Listing Status Listed Product |
| Test Requirements | BACnet Protocol Revision | Date Tested |
| Requirements as of March 2008 | Revision 3 (135-2001b) | March 2008 |

| Product Name | Model Number | Software Version |
|---|--------------|------------------|
| System Controller: 16 x 16 | DSC-1616 | 3.33R2 |
| System Controller: 12 x 12 | DSC-1212 | 3.33R2 |
| System Controller: 12 x 8 | DSC-1280 | 3.33R2 |
| System Controller: Room | DSC-T305 | 3.33R2 |
| System Manager: Room | DSM-T0B | 3.33R2 |
| System Manager: Router | DSM-RTR | 3.33R2 |
| System Manager: Room Interface (Modbus Gateway) | DSM-T0B-MOD5 | 3.33R2 |
| System Controller: Room Interface (Custom Wireless Sensors) | DSM-WRL | 3.33R2 |
| Access System Manager | ASM-24E | 3.33R2 |

Device Profiles

| Profile | Model Numbers |
|-----------------------------------|---------------|
| BACnet Building Controller (B-BC) | All Devices |

BIBBs Supported

| | | |
|--------------|-------------------------|----------|
| Data Sharing | ReadProperty-A | DS-RP-A |
| | ReadProperty-B | DS-RP-B |
| | ReadPropertyMultiple-A | DS-RPM-A |
| | ReadPropertyMultiple-B | DS-RPM-B |
| | WriteProperty-A | DS-WP-A |
| | WriteProperty-B | DS-WP-B |
| | WritePropertyMultiple-B | DS-WPM-B |
| | COV-A | DS-COV-A |
| COV-B | DS-COV-B | |

| | | |
|------------------------------|-------------------------|-----------|
| Alarm and Event Notification | Notification-A | AE-N-A |
| | Notification Internal-B | AE-N-I-B |
| | Notification External-B | AE-N-E-B |
| | ACK-B | AE-ACK-B |
| | Alarm Summary-B | AE-ASUM-B |
| | Enrollment Summary-B | AE-ESUM-B |
| | Information B | AE-INFO-B |

| | | |
|------------|------------|---------|
| Scheduling | Internal-B | SCH-I-B |
| | External-B | SCH-E-B |

| | | |
|----------|------------------------------|----------|
| Trending | View and Modify - Internal-B | T-VM-I-B |
| | View and Modify - External-B | T-VM-E-B |
| | Automated Trend Retrieval-B | T-ATR-B |

| | | |
|-------------------------------|---------------------------------------|----------|
| Device and Network Management | Dynamic Device Binding-A | DM-DDB-A |
| | Dynamic Device Binding-B | DM-DDB-B |
| | Dynamic Object Binding-A | DM-DOB-A |
| | Dynamic Object Binding-B | DM-DOB-B |
| | DeviceCommunicationControl-B | DM-DCC-B |
| | TimeSynchronization-A | DM-TS-A |
| | TimeSynchronization-B ¹ | DM-TS-B |
| | UTCTimeSynchronization-A | DM-UTC-A |
| | UTCTimeSynchronization-B ¹ | DM-UTC-B |
| | Automatic Time Synchronization-A | DM-ATS-A |
| | ReinitializeDevice-B | DM-RD-B |
| | Backup and Restore-B | DM-BR-B |
| | Restart-B | DM-R-B |
| | Object Creation and Deletion-B | DM-OCD-B |

¹ Based on the UTC Setting in the Device object. When the UTC is enabled, DM-UTC-B is supported. When UTC is disabled, DM-TS-B is supported. Dates before January 1, 2000 or after December 31, 2099 will be ignored.

Object Type Support

| | | |
|---------------------------|----------------------------|--------------------------------|
| Analog Input ² | Analog Output ² | Analog Value |
| Binary Input ² | Binary Output ² | Binary Value |
| Calendar | Device | Event Enrollment |
| File | Loop | Multi-State Input ² |
| Multi-State Value | Notification Class | Program |
| Schedule | Trend Log | |

Data Link Layer Options

| Media | Options |
|----------------------|---------------------------|
| BACnet IP (Annex J) | |
| Ethernet, ISO 8802-3 | |
| MS/TP master | 9600, 19200, 38400, 76800 |

Networking Options

| Networking Functionality | Media |
|--------------------------|--------------------------------------|
| Router | BACnet/IP (Annex J), Ethernet, MS/TP |
| Annex J BBMD | BACnet/IP |

Character Set Support

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|-----------|
| ANSI X3.4 |
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² This functionality is not supported in the following devices: DSM-RTR, DSM-PWR, DSM-T0-B-MOD5.