BACnet is a registered trademark of ASHRAE. ASHRAE does not endorse, approve or test products for compliance with ASHRAE standards. Compliance of listed products to the requirements of ASHRAE Standard 135 is the responsibility of BACnet International. BTL is a registered trademark of BACnet International.

# BACnet Testing Laboratories Product Listing

*BACnet functionality in each Listed product has been successfully tested at a Recognized BACnet Testing Organization utilizing the industry standard BTL test suite and test policies that were current at the time it was tested. For Listings with multiple products, some products may have less functionality than is indicated by the Listing document. The PICS document provides information on the specific functionality of each product. Note that PICS documents on the BTL Listings site are provided by the manufacturer and are not independently verified by BTL.*

## Listing Information (BTL-31659)

| Vendor | | Listing Status |
|---|---|---|
| Carrier<br>One Carrier Place<br>Farmington, CT 06034-4015<br>USA | | Listed Product |
| Test Requirements | BACnet Protocol Revision | Date Tested |
| Requirements as of January 2022 | Revision 15 | December 2022 |

| Product Name | Model Numbers | Firmware version |
|---|---|---|
| i-Vu™ XT BACnet Link | TV-683-E2-S1-RTU | 107.10.2054 |

## Device Profiles

| Profile | Model Numbers |
|---|---|
| BACnet Advanced Application Controller (B-AAC)<br>BACnet Broadcast Management Device (B-BBMD) | All models |

## 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-A | DS-WPM-A |
| | WritePropertyMultiple-B | DS-WPM-B |
| | Change Of Value-A | DS-COV-A |
| | Change Of Value-B | DS-COV-B |

| | | |
|---|---|---|
| Alarm and Event Notification | Notification Internal-B | AE-N-I-B |
| | Acknowledge-B | AE-ACK-B |
| | Alarm Summary-B | AE-ASUM-B |
| | Enrollment Summary-B | AE-ESUM-B |
| | Information-B | AE-INFO-B |
| | Configurable Recipient Lists-B | AE-CRL-B |

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

| | | |
|---|---|---|
| Trending | Viewing and Modifying Trends Internal-B | T-VMT-I-B |
| | Automated Trend Retrieval-B | T-ATR-B |

| | | |
|---|---|---|
| Device 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 | DM-TS-B |
| | UTCTimeSynchronization-A | DM-UTC-A |
| | UTCTimeSynchronization-B | DM-UTC-B |
| | ReinitializeDevice-B | DM-RD-B |
| | Backup and Restore-B | DM-BR-B |
| | Restart-B | DM-R-B |
| | List Manipulation-B | DM-LM-B |
| | Automatic Time Synchronization-A | DM-ATS-A |
| | BBMD Configuration-B | NM-BBMDC-B |

## Object Type Support

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

## Data Link Layer Options

| Media | Options |
|---|---|
| BACnet/IP (Annex J) | BBMD<br>Register as Foreign Device<br>BACnet/IP, 'DIX' Ethernet |
| MS/TP Manager | 9600, 19200, 38400, 76800 |
| Ethernet | ISO 8802-3, 10BASET |
| ARCNET | ARCNET, twisted pair bus |

## Character Set Support

| |
|---|
| ISO 10646 (UTF-8) |