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-25154)

|  |  |
| --- | --- |
| Vendor | Listing Status |
| Samsung Electronics Co., Ltd.Digital Platform Center129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do, Republic of Korea | Listed Product |
| Test Requirements | BACnet Protocol Revision | Date Tested |
| Requirements as of November 2014 | Revision 9 | December 2015 |

|  |  |  |
| --- | --- | --- |
| Product Name | ModelNumbers | Software Version |
| b.IoT Modular Controller | SDDC-8446 (ACM-Q200SK) | 1.0.00 |

**Device Profiles**

|  |  |
| --- | --- |
| Profile | Model Numbers |
| BACnet Application Specific Controller (B-ASC) | All models |

**BIBBs Supported**

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

|  |  |  |
| --- | --- | --- |
| Device and Network Management | Dynamic Device Binding-B | DM-DDB-B |
| Dynamic Object Binding-B | DM-DOB-B |
| DeviceCommunicationControl-B | DM-DCC-B |
| TimeSynchronization | DM-TS-B |
| UTCTimeSynchronization-B | DM-UTC-B |

**Object Type Support**

|  |  |  |
| --- | --- | --- |
| Analog Input | Analog Output | Analog Value |
| Binary Input | Binary Output | Binary Value |
|  | Device | Multi-state Value |

**Data Link Layer Options**

|  |  |
| --- | --- |
| Media | Options |
| BACnet/IP1 | Register as a Foreign Device |
| MS/TP master | 9600, 19200, 38400, 76800 |

## 1 Models IO-28U, IO-22U, and IO-22D do not support BACnet/IP; these are MS/TP only devices.

**Character Set Support**

ISO 10646 (UTF-8)