



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-30726)

|   |                          |                |
|---|--------------------------|----------------|
| Vendor  |                          | Listing Status |
| Shenzhen MEK Intellisys Pte Ltd<br>Unit C, 6th Floor, Kechuang Building,<br>Science and Technology Innovation Park<br>Houtingquan, Shajing Baoan District, Shenzhen,<br>China |                          | Listed Product |
| Test Requirements   | BACnet Protocol Revision | Date Tested    |
| Requirements as of January 2020   | Revision 14 (135-2012)   | November 2020  |

|                                   |               |                  |
|-----------------------------------|---------------|------------------|
| Product Name                      | Model Numbers | Firmware version |
| IoT/Smart Building/Network Router | SG-100-B      | V2.0.10          |

## Device Profiles

|  |               |
|--|---------------|
| Profile  | Model Numbers |
| BACnet Router (B-RTR)<br>BACnet Broadcast Management Device (B-BBMD) | 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 |

|                   |                              |           |
|-------------------|------------------------------|-----------|
| Device Management | Dynamic Device Binding-A     | DM-DDB-A  |
|                   | Dynamic Device Binding-B     | DM-DDB-B  |
|                   | Dynamic Object Binding-B     | DM-DOB-B  |
|                   | DeviceCommunicationControl-B | DM-DCC-B  |
|                   | TimeSynchronization-B        | DM-TS-B   |
|                   | UTCTimeSynchronization-B     | DM-UTC-B  |
|                   | Router Configuration-B       | NM-RC-B   |
|                   | BBMD Configuration-B         | NM-BBMD-B |

## Object Type Support

|        |  |  |
|--------|--|--|
| Device |  |  |
|--------|--|--|

## Data Link Layer Options

| Media               | Options   |
|---------------------|---|
| BACnet/IP (Annex J) | Register as Foreign Device<br>BACnet/IP, 'DIX' Ethernet |
| MS/TP Master        | 9600, 19200, 38400, 76800                               |

## Character Set Support

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