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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 Products. For information on additional functionality that was not covered in the test process, refer to the Manufacturer’s PICS statement on the BACnet International website.

Listing Information (BTL-30551)

Vendor		Listing Status
Shenzhen MEK Intellisys Pte Ltd Unit C, 6th Floor, Kechuang Building, Science and Technology Innovation Park Houtingquan, Shajing Baoan District, Shenzhen China		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of December 2018	Revision 14 (135-2012)	December 2019

Product Name	Model Numbers	Firmware version
IoT/Smart Building/Network Gateway	SG-100-BM, SG-100-BS1	V2.0.04

Device Profiles

Profile	Model Numbers
BACnet Advanced Application Controller (B-AAC) BACnet Gateway (B-GW)	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
	Change Of Value-B	DS-COV-B

Alarm and Event Notification	Notification Internal-B	AE-N-I-B
	Acknowledge-B	AE-ACK-B
	Information-B	AE-INFO-B

Scheduling	Internal-B	SCHED-I-B
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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-B	DM-DOB-B
	DeviceCommunicationControl-B	DM-DCC-B
	TimeSynchronization-B	DM-TS-B
	UTCTimeSynchronization-B	DM-UTC-B
	ReinitializeDevice-B	DM-RD-B
	Router Configuration-B	NM-RC-B
	BBMD Configuration-B	NM-BBMD-C-B
Embedded Objects-B	GW-EO-B	

Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Calendar	Device	Multi-State Input
Multi-State Output	Multi-State Value	Notification Class
Schedule	Trend Log	

Data Link Layer Options

Media	Options
BACnet/IP (Annex J)	Register as Foreign Device BACnet/IP, 'DIX' Ethernet

Character Set Support

ISO 10646 (UTF-8)
