



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 (BI). BTL is a registered trademark of BI.

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		Listing Status
Samsung SDS 159-9 Gumi-Dong Bundang-Gu Seongnam, Gyeonggi-Do Republic of Korea		Listed Product
Test Requirements	BACnet Protocol Revision	Date Tested
Requirements as of August 2012	Revision 7 (135-2008)	July 2013

Product Name	Model Number(s)	Software Version
Smart Digital Controller	SDC-100-X	1.0.3

Device Profiles

Profile	Model Numbers
BACnet Advanced Application Controller (B-AAC)	SDC-100-X

BIBBs Supported

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

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

Scheduling	Scheduling Internal-B	SCHED-I-B
------------	-----------------------	-----------

Device and Network 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
	ReinitializeDevice-B	DM-RD-B
	TimeSynchronization-B	DM-TS-B

Object Type Support

Analog Input	Analog Output	Analog Value
Binary Input	Binary Output	Binary Value
Calendar	Device	Multi-state Value
Notification Class	Schedule	

Data Link Layer Options

Media	Options
MS/TP Master	9600, 19200, 38400, 76800

Character Set Support

ANSI X3.4
