

Date: December 5th, 2014

Vendor Name: Schneider Electric Industries SAS, EcoBuilding Division

Product Name	Product Model Number	Application Software Version	Firmware Revision
homeLYnk	LSS100100	1.3	0.6.0
spaceLYnk	LSS100200	1.1	0.6.0

BACnet Protocol Revision: 10

Product Description:

homeLYnk/spaceLYnk is the key to provide a complete solution delivering unlimited flexibility, simplicity and efficiency = Home Automation Expert. It is gateway between KNX, Modbus, BACnet & IP logic module providing memory function and event controller, user interface based on a web server application homeLYnk/spaceLYnk provides an interface to control all building functions. It can be used from local and mobile devices such as smartphones, tablets, PCs and touch panels. It enables to monitor and control:

- Lights, blinds, heating, and cooling
- Energy metering
- Scheduler
- IP camera

BACnet Standardized Device Profile (Annex L):

- BACnet Operator Workstation (B-OWS)
- BACnet Advanced Operator Workstation (B-AWS)
- BACnet Operator Display (B-OD)
- BACnet Operator Display (B-OC)
- BACnet Advanced Application Controller (B-AAC)
- BACnet Application Specific Controller (B-ASC)
- BACnet Smart Sensor (B-SS)
- BACnet Smart Actuator (B-SA)

List all BACnet Interoperability Building Blocks supported (see Annex K in BACnet 135-2004):

Data Sharing	ReadProperty-B	DS-RP-B
	ReadPropertyMultiple-B	DS-RPM-B
	WriteProperty-B	DS-WP-B
	COV-B	DS-COV-B
Device and Network Management	Dynamic Device Binding-B	DM-DDB-B
	Dynamic Object Binding-B	DM-DOB-B
	DeviceCommunicationsControl-B	DM-DCC-B
	TimeSynchronization-B	DM-TS-B
	UTCTimeSynchronization-B	DM-UTC-B
	ReinitializeDevice-B	DM-RD-B

Segmentation Capability NOT SUPPORTED

- Able to transmit segmented messages Window Size _____
- Able to receive segmented messages Window Size _____

List all BACnet Object Types supported:

- Device, AnalogValue, BinaryValue

Object Type	Required Properties	Optional Properties	Writable Properties
Device	Object_Identifier Object_Name Object_Type System_Status Vendor_Name Vendor_Identifier Model_Name Firmware_Revision Application_Software_Version Protocol_Version Protocol_Revision Protocol_Services_Supported Protocol_Object_Types_Supported Object_List Max_Apdu_Length_Accepted Segmentation_Supported Apdu_Timeout Number_Of_Apdu_Retries Device_Address_Binding Database_Revision	Description Local_Time Utc_Offset Local_Date Daylight_Savings_Status Profile_Name Location Active_Cov_Subscriptions	No

Object Type	Required Properties	Optional Properties	Writable Properties
AnalogValue	Object_Identifier Object_Name Object_Type Present_Value Status_Flags Event_State Out_Of_Service Units	Description Priority_Array Relinquish_Default Cov_Increment	Present_Value Cov_Increment Out_Of_Service

Object Type	Required Properties	Optional Properties	Writable Properties
BinaryValue	Object_Identifier Object_Name Object_Type Present_Value Status_Flags Event_State Out_Of_Service	Description Priority_Array Relinquish_Default	Present_Value Out_Of_Service

Data Link Layer Options (check all that are supported):

- BACnet IP, (Annex J)
- Able to register as a foreign device

- ISO 8802-3, Ethernet (Clause 7)
- ANSI/ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
- ANSI/ATA 878.1, RS-485 ARCNET (Clause 8), baud rate(s) _____
- MS/TP master (Clause 9), baud rate(s): _____
- MS/TP slave (Clause 9), baud rate(s): _____
- ZigBee
- Point-To-Point, EIA 232 (Clause 10), baud rate(s): _____
- Point-To-Point, modem, (Clause 10), baud rate(s): _____
- LonTalk, (Clause 11), medium: _____

Device Address Binding:

Is static device binding supported? (This is currently necessary for two-way communication with MS/TP slaves and certain other devices.) Yes No

Networking Options:

- Router, Clause 6 - List all routing configurations, e.g., ARCNET-Ethernet, Ethernet-MS/TP, etc.
- Annex H, BACnet Tunneling Router over IP
- BACnet/IP Broadcast Management Device (BBMD)
 - Does the BBMD support registrations by Foreign Devices? Yes No
 - Does the BBMD support network address translation? Yes No

Network Security Options:

- Non-secure Device - is capable of operating without BACnet Network Security
- Secure Device - is capable of using BACnet Network Security (NS-SD BIBB)
 - Multiple Application-Specific Keys:
 - Supports encryption (NS-ED BIBB)
 - Key Server (NS-KS BIBB)

Character Sets Supported:

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

- ISO 10646 (UTF-8) IBM-/Microsoft DBCS ISO 8859-1
- ISO 10646 (UCS-2) ISO 10646 (UCS-4) JIS X 0208

If this product is a communication gateway, describe the non-BACnet equipment/network(s) that the gateway supports:

See above

Include any addition information about the product's BACnet capabilities relevant to interoperability:

None
