IS-302

Dual InteliSocket™

BACnet Protocol Implementation Conformance Statement

Date: February 1, 2016
Vendor Name: Ibis Networks, Inc.
Product Name: Dual InteliSocket
Product Model Number: IS-301
Application Software Version: 3.2
Firmware Revision: 13
BACnet Protocol Revision: 14
Product Description: 120V/15A dual smart socket that meters plug load energy usage and provides device on/off capability. It works with other InteliSockets™ to form a secure wireless mesh network for control and reporting of data. It requires an InteliGateway™.

BACnet Standardized Device Profile (Annex L):
BACnet Smart Sensor (B-SS)

List all BACnet Interoperability Building Block Supported (Annex K):
DS-RP-B, DS-WP-B, DS-RPM-B, DS-COV-B, DS-COVP-B, DM-DDB-B, DM-DOB-B

Segmentation Capability: Segmentation not supported

Standard Object Types Supported:

Object Type-Instance	Writable?	Description
Analog Value-0	No	BACnet ID of its InteliGateway.
Analog Value-1	No	BACnet Network Number.
Analog Value-2	No	Voltage (V).
Analog Value-3	No	Controlled socket's power factor (%).
Analog Value-4	No	Controlled socket's accumulated energy (J) is 32-bit and will roll over.
Analog Value-5	No	Controlled socket's energy (J) over time interval in AV-9.
Analog Value-6	No	Controlled socket's power (W) over time interval in AV-9.
Analog Value-7	No	Controlled socket's current (A) over time interval in AV-9.
Analog Value-8	No	Seconds since last data report.
Analog Value-9	No	Seconds during last interval.

Analog Value-10	No	Data report index.
Analog Value-11	No	Uncontrolled socket's power factor (%).
Analog Value-12	No	Uncontrolled socket's accumulated energy (J) is 32-bit and will roll over.
Analog Value-13	No	Uncontrolled socket's energy (J) over time interval in AV-9.
Analog Value-14	No	Uncontrolled socket's power (W) over time interval in AV-9.
Analog Value-15	No	Uncontrolled socket's current (A) over time interval in AV-9.
Binary Value-0	No	Operational status.
Binary Value-1	No	Actual On/Off status.
Binary Value-40	Yes	Scheduled On/Off status. Supports priority array.
Device	No	Device object

Optional Properties Supported: Description

Data Link Layer Options:
BACnet IP (Annex J)
BACnet IP (Annex J), Foreign Device

Device Address Binding: Static device binding is not supported.

Networking Options: None

Character Sets Supported: ISO 10646 (UTF-8)

Network Security Options: Non-secure Device – is capable of operating without BACnet Network Security.