

BACnet Protocol Implementation Conformance Statement

Date: February 1, 2016

Vendor Name: Ibis Networks, Inc.

Product Name: Power IntelliSocket

Product Model Number: IS-204 or IS-205 or IS-206

Application Software Version: 3.2

Firmware Revision: 13

BACnet Protocol Revision: 14

Product Description: Smart socket that meters plug load energy usage and provides device on/off capability. It works with other IntelliSockets™ to form a secure wireless mesh network for control and reporting of data. It requires an IntelliGateway™.

IS-204 – 120V/20A

IS-205 – 220V/15A

IS-206 – 220V/20A



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 IntelliGateway.
Analog Value-1	No	BACnet Network Number.
Analog Value-2	No	Voltage (V).
Analog Value-3	No	Power factor (%).
Analog Value-4	No	Accumulated energy (J) is 32-bit and will roll over.
Analog Value-5	No	Energy (J) over time interval in AV-9.
Analog Value-6	No	Power (W) over time interval in AV-9.
Analog Value-7	No	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.



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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.