BACnet PROTOCOL IMPLEMENTATION CONFORMANCE STATEMENT

Date: 2021-11-25
Vendor Name: Kaiterra
Product Name: Sensedge Mini
Product Model Number: SE-200, SE-200P
Firmware Revision: 1.0
Application Software Version: 2.3.0
BACnet Protocol Revision: 14

Product Description:

The Sensedge Mini is a sophisticated, commercial grade monitor that is optimized to meet the air quality needs of any indoor space. It provides accurate, secure, and continuous monitoring for commercial interiors, like offices, schools, hospitals, retails, and residences. The Sensedge Mini offers 24/7, real-time monitoring of your indoor air quality. Color-coded displays and indices of various pollutants allow for quick, at-a-glance readings. The Sensedge Mini supports Wi-Fi (2.4G), Ethernet, and communication including an API from the cloud, as well as BACnet compatibility (depending on the version and firmware). The Sensedge Mini supports the BACnet/IP protocol, and supports IPv4. The UDP port is 47808(0xBAC0).

BACnet Standardized Device Profile (Annex L):
□ BACnet Operator Workstation (B-OWS)
□ BACnet Advanced Operator Workstation (B-AWS)
□ BACnet Operator Display (B-OD)
□ BACnet Building Controller (B-BC)
□ 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 (Annex K):
DS-RP-B
DS-RPM-B
DS-WP-B

DM-DDB-B
DM-DOB-B
DS-COV-B

Segmentation Capability:
□ Able to transmit segmented messages Window Size: n/a
□ Able to receive segmented messages Window Size: n/a

Standard Object Types Supported:

Object Type	Dynamically creatable	Dynamically deletable	Optional properties supported	Writable properties
Device	NO	NO	Description, Location, Active_COV_Subscriptions	Object_Identifier, Object_Name, Description, Location, APDU_Timeout, Number_Of_APDU_Retries
Analog Input	YES	YES	Description, COV_Increment, Reliability	COV_Increment, Units

Data Link Layer Options:
■ BACnet IP, (Annex J)
■ BACnet IP, (Annex J), Foreign Device
□ ISO 8802-3, Ethernet (Clause 7)
□ ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
□ ATA 878.1, EIA-485 ARCNET (Clause 8), baud rate(s) _____
□ MS/TP master (Clause 9), baud rate(s): _____
□ MS/TP slave (Clause 9), baud rate(s): _____
□ Point-To-Point, EIA 232 (Clause 10), baud rate(s):
□ Point-To-Point, modem, (Clause 10), baud rate(s): _____
□ LonTalk, (Clause 11), medium: _____
□ BACnet/ZigBee (ANNEX O)
□ Other: _____

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

Character Sets Supported:
Indicating support for multiple character sets does not imply that they can all be supported simultaneously.
■ ISO 10646 (UTF-8)   □ IBM$^{\delta}$/Microsoft$^{\delta}$ DBCS □ ISO 8859-1
□ ISO 10646 (UCS-2)   □ ISO 10646 (UCS-4)   □ JIS X 0208