

Wireless Sensor Gateway

Technical Overview



B-Scada™ Wireless Sensor Gateway Key Features

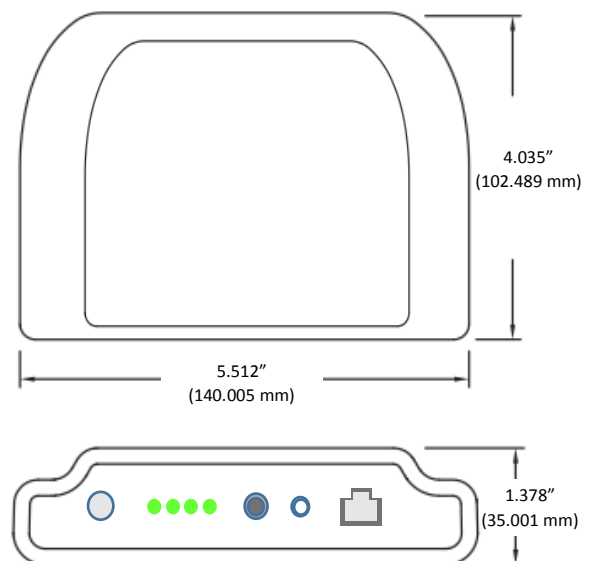
- Plug and Sense capability
- Cloud Monitoring using any browser (including on mobile devices)
- LED status indicators
- Supports 915, 868 and 433 MHz frequencies
- Accepts up to 50 sensor connections
- Self-hosted option for advanced users
- Uses AC power supply

General Description

The B-Scada™ Wireless Sensor Gateway allows your wireless sensors to communicate with B-Scada's cloud monitoring platform, providing real-time visualization and analysis of sensor data.

With B-Scada's cloud monitoring, you can easily view sensor data and set alarms using any web browser (including on mobile devices).

It comes pre-configured for plug-and-sense compatibility with B-Scada's software providing an ideal platform for residential, commercial and light industrial IoT and M2M solutions.



Power


This wireless gateway uses an AC power supply.

Frequency

The B-Scada™ Wireless Sensor Gateway supports RF technologies including 915, 868 and 433 MHz sensor solutions.

Applications

- Wireless Voltage Sensors
- Wireless Current Sensors
- Wireless Temperature Sensors
- Wireless Humidity Sensors
- Wireless Water Detection Sensors
- Wireless Relays

| B-Scada™ Wireless Sensor Gateway Specifications | |
|--|--|
| General | |
| Number of Ports | 3 Ports: Power Serial Port Ethernet 1 Reset Button |
| Sensor Types | Supports B-Scada™ Wireless Sensors |
| Ethernet Type | Standard, POE |
| Hardware | 10/100 Ethernet Controller |
| Cross-Over Correction | Automatic MDI/MDI-X |
| Supported Hardwired TCP/IP Protocols | TCP, UDP, ICMP, IPv4 ARP, IGMP, PPPoE, Ethernet |
| Addressing | Pre-programmed MAC Address |
| Default Port | 5562 |
| Operation | Half Duplex / Full Duplex |
| Number of Allowed Sensor Connections | Up to 50 Sensors |
| Radio | |
| Frequency | 915 MHz 868 MHz 433 MHz |
| Antenna | External |
| Power | |
| Power Supply | 3.3 V AC Adapter |
| Visual Indicators | |
| LED | 4 LEDs: 1 - Wireless Transmit 2 - Wireless Receive 3 - Network Transmit 4 - Network Receive |
| Mechanical | |
| Enclosure | Plastic |
| Dimensions | 140.005 x 102.489 x 35.001 mm |
| Weight | 6.80 ounces |
| Environmental | |
| Operating Temperature | -10 to 70° C (14 to 158 °F) |
| Storage Temperature | -20 to 85° C (-4 to 185 °F) |
| Certification |  |

Notice:

Do not use this product under conditions where there is presence of corrosive gas or deoxidizing gas, flammable gas, dusty conditions, wet or excessively humid locations and other hazardous conditions.

Higher temperature may cause deterioration that will shorten the life of the sensor.

It is recommended to use the power adapter that came with the gateway.



Tel: +1.352.564.9610 Ext. 311

Cell: +1.352.422.5623

9030 W Fort Island Trail

Plantation Village

Building 9

Crystal River, FL 34429

<http://www.scada.com>

Complies with FCC and Industry Canada Standards