

Wireless Water Detection Sensor

Technical Overview



B-Scada™ Wireless Water Detection Sensor Key Features

- Detects the presence of water in a specific area
- Can also be used to detect non-presence of water
- 3 ft. leaded wires
- Plug and Sense capability
- Cloud Monitoring using any browser (including on mobile devices)
- LED status indicator
- Supports 915, 868 and 433 MHz frequencies
- Self-hosted option for advanced users
- Uses AC power supply or two (2) AA batteries

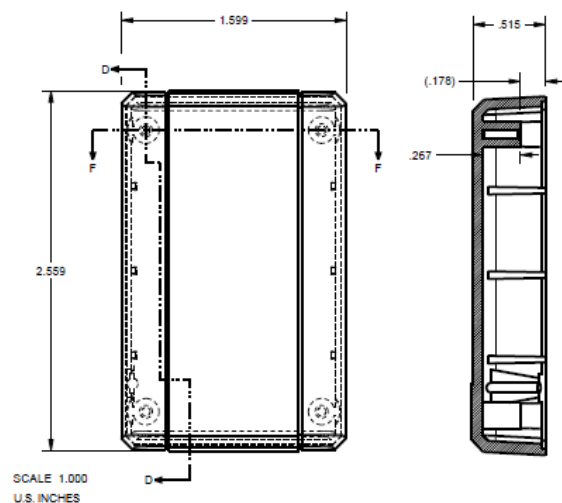
General Description

The B-Scada™ Wireless Water Detection Sensor detects the presence of water in a specific area. It is used to detect flooding, leaks and other sources of unwanted water. It can also be used to ensure water is present when needed.

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

Power Options

This sensor can either use an AC adapter or two (2) AA batteries. When using batteries, it is recommended to use lithium batteries. Alkaline batteries tend to leak which reduces the sensor life.




Frequency

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

Applications

- Basements
- Bathrooms and Laundry Rooms
- Data Centers
- Water Heaters
- Marine Vessels
- Near Pipes
- Water Troughs

B-Scada™ Wireless Water Detection Sensor Specifications	
General	
Number of Ports	1 Port: Power
Sensor Types	Wireless Detection Sensor
Radio	
Frequency	915 MHz 868 MHz 433 MHz
Antenna	External
Range	Approx. 200m – 400m (625 ft. – 1350 ft.)*
Power	
Power Supply	3.3 V AC Adapter or two (2) AA Batteries**
Visual Indicators	
LED	1 LED: Connection Status***
Mechanical	
Enclosure	Plastic
Dimensions	39.599 x 64.999 x 13.081 mm
Weight	2.20 ounces
Wire	3 ft. Leaded Wires
Environmental	
Operating Temperature	-7° C to 60° C (20° F to 140° F)
Certification	

* Actual range may vary depending on environment.

** Battery life will depend on several factors. The update rate or how often the sensor sends data to the gateway affects battery life. Faster update rates utilize more battery. Another factor is the frequency range. The slower the speed (long range), the shorter the battery life due to longer wake and transmit times. Lastly, the type of sensor used. Sensors like the Thermistor uses more power due to extra hardware parts compared to a Water Detection sensor.

*** A blinking LED light indicates a successful connection to the gateway.

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.



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