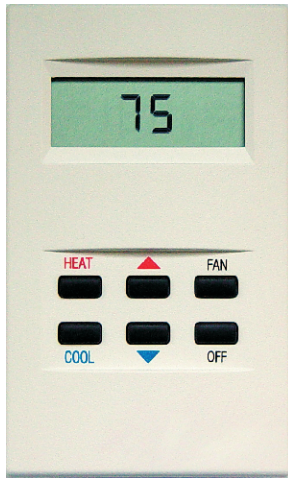


Product Data Sheet

SWS- TDB6 Wireless Zone Sensors



Spinwave Systems' wireless temperature sensor is a battery-powered reduced function devices.

Spinwave zone sensor is available as:

- A temperature sensor with LCD and 6 buttons (SWS-TDB6)

Wireless zone sensors are connected through Spinwave's wireless full function devices to the Modbus Mesh Gateway (Modbus RTU, Modbus TCP).

Robust and Adaptable

Large possible mesh size: up to 75 Full Function Devices plus 150 Reduced Function Devices

Self-forming mesh network is easy to start-up

Self-healing mesh for outstanding robustness, data throughput and communication availability

Over-the-air SW upgradable

Flexible and Easy to Use

Display and keypad options

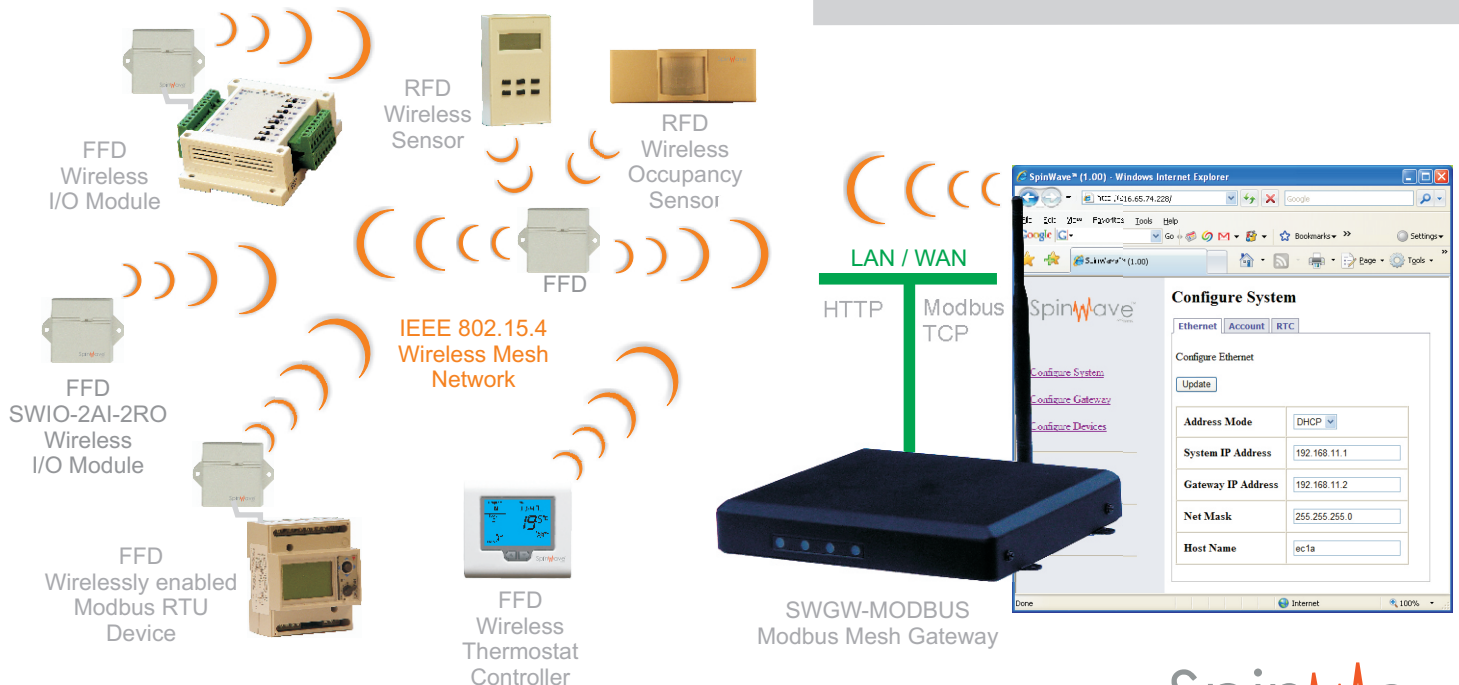
Scalable from simple to high-end applications with hundreds of wireless mesh nodes

Easy integration through open industry protocols

LCD versions have built-in site survey tool feature (signal strength display)

Order Information

SWS-TDB6: Wireless temperature sensor with LCD and 6 buttons



Specifications

Enclosure

- ABS-V0 plastic

Installation

- Surface-mount

Operating Conditions

- -4°F to 122°F (-20°C to 50°C)
- 5% to 95% R.H. non-condensing

Storage Conditions (Sensor)

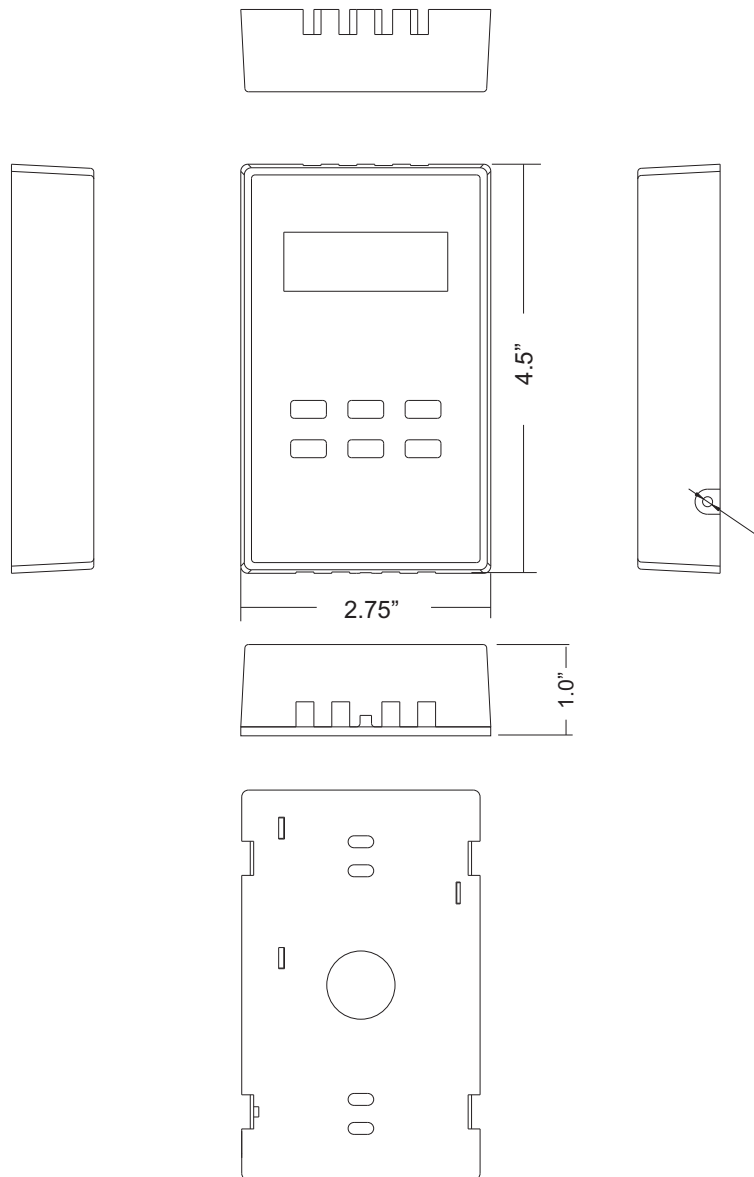
- -40°F to 176°F (-40°C to 80°C)
- 5% to 95% R.H. non-condensing

Radio Characteristics

- 2.4GHz, IEEE 802.15.4
- Transmit: 0dBm
- Receive: 0.0 dBm to -97dBm
- Transmission interval: min. 10 seconds, user configurable
- Open field range: 300ft/100 m (0dBm - 10dBm)

Power

- 2 AAA Alkaline Batteries



0930E

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