

WIRELESS NO-PROBE TEMPERATURE SENSOR

The wireless no-probe temperature sensor measures ambient temperature without any external devices such as a thermocouple or thermistor. If the temperature rises above or falls below the configured thresholds, an alert is sent over the wireless network. Versions of the sensor support the major LPWAN standards such as Sigfox, LoRa/LoRaWAN, and SubGig.

Features



- Built-in radio that talks directly with the wireless network*. Standards include:
 - Sigfox®
 - LoRa®/LoRaWAN™
 - SubGig®
- Two types of tamper detection: enclosure tamper and wall mount tamper
 - Enclosure tamper detects if the packaging of the sensor itself is opened or broken
 - Wall mount tamper detects if the sensor has been removed from the wall or mounting point
- 20,000-1,000,000+ transmissions on a single battery and a 5-10 year battery life depending on usage
- User replaceable battery
- Fully integrated internal antenna
- Over the air sensor configuration in the field
- Automatic low battery reporting and supervisory (sensor health) reporting

Applications

- Detect freezing temperatures to protect plumbing
- Detect heat failure in second homes or remote buildings
- Restaurant food safety
- Detect cooling system and refrigeration failures
- Industrial temperature monitoring
- General low precision ambient temperature sensor



CONTACT US

(612) 254-8219
info@radiobridge.com

radiobridge.com

* Note that some networks require monthly data plans. See the Radio Bridge website for more detail.