

## WIRELESS TILT SENSOR

The tilt sensor uses an accelerometer to detect transitions between horizontal and vertical orientation, as well as reporting the angle of tilt. When the sensor is rotated from horizontal to vertical or visa versa, an alert is sent to 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

- Garage door open and close events
- Open/close events for horizontal lids
- Telephone pole leaning sensor
- General purpose tilt sensor



### CONTACT US

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