

## WIRELESS ACCELERATION-BASED MOVEMENT SENSOR

The wireless acceleration-based movement sensor uses an internal accelerometer to detect movement of an asset. When motion is detected that exceeds a certain threshold, 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

- Asset protection and monitoring
- Building security
- Shock sensing
- General movement and acceleration sensing



**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.