

# Wireless Vibration sensor

Narrow-Band wireless IOT

## Main features

- Vibrations and movement sensing
- Tilt sensor
- Narrow Band technology
- 24/7 monitoring supervision
- Up to 500 meters narrow band configuration
- Long battery lifespan
- Up to 100 meters detection range with location tracking

## Applications:

- Industrial sensing
- Asset tracking configuration
- Environment sensing
- Room, Closet or Outdoor monitoring and sensing
- Access control

The PowerTags wireless sensor uses the narrow band Sub 1-Ghz technology proving long range and years lasting batteries provides real-time supervision and monitoring of location and vibration of device attached to the tag

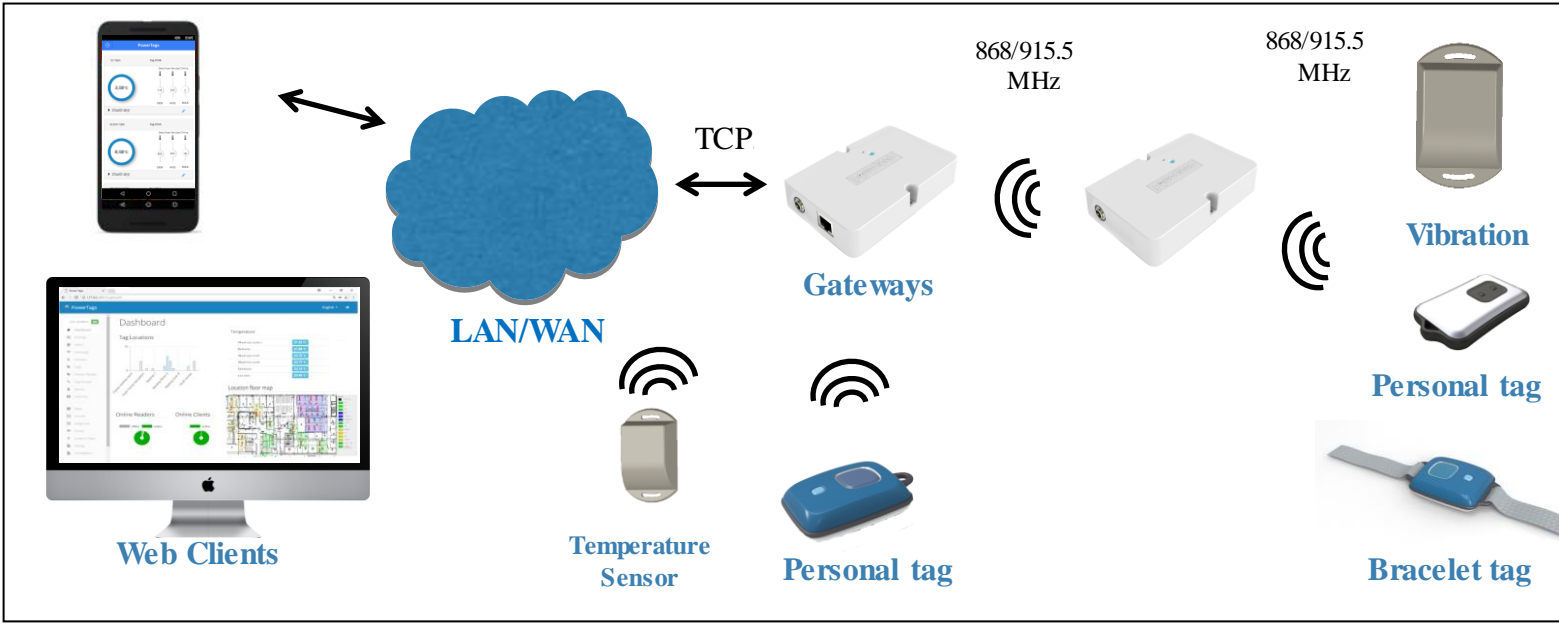


The sensor data can be monitored using PowerTags software or other via API and enables real-time notification of warnings with the sensor's status to a variety of media's that includes computer stations, mobile devices via audible alarm, email or SMS.

The data is also analyzed using our rule engine to provide real time notification of abnormalities and long term trends analytics statistics and reports.

The wireless sensor is part of PowerTags' portfolio offering that also includes, readers, gateways and management system, location tracking, controllers, sensors and more

**PowerTags system's overview:**



**\*All tags are provided with Location Tracking, sensitive Tilt sensor, a Button and years lasting battery life-span**

**Product specifications:**

RTLS technology..... Active RFID  
 IP Rating ..... IP 66 water resistance

Battery type..... CR2032 (230 mAh)  
 Battery average life is between ..... 3-6 Years  
 \*(according to usage interval)

Standby Current – 0.04uA

Average currents in Active tracking mode – 0.032mA (or lower)

Optional – multifunction button (on/off, duress, other)

Dimensions (H x W x D)..... 64x38x16 mm

Weight..... 23 grams

Temperature.....-30C to 70C

Transmission Central Frequency.....868 MHz(Europe) CE/ 915.5 (FCC/IC/Israel)

Hardware support Frequency.....720-970 MHz

Transmission output power/ E.I.R.P .....1 Milliwatt (0 dBm)

Transmission output power can be configured in production from -30dBm to 12dBm (different range detection up to 100 meters default and up to 500 with narrow band configurations)

**Complies with FCC/ CE/ IC regulatory standards:**

- Tag FCC ID: 2AEXTTAGS3V04V0
- Tag IC ID: 21825-TAG3V04V0
- REPATER/GATEWAY FCC: 2AEXTPOWER TAGS