

# Location tracking tag with button

## Main features

- Location tracking Active RFID tags
- RTLS technology
- General purpose duress button
- 24/7 location tracking supervision
- Tilt sensor
- Long battery lifespan
- Up to 100 meters location tracking
- Up to 500 meters narrow band configuration

## Applications:

- Staff duress button
- Personal tracking
- Asset tracking configuration
- Assisted living supervision
- Location based services, alarms and monitoring residents
- Access control

The PowerTags positioning Tag with duress button is an active RFID Tag that provides real-time supervision and tracking for personal.

The Tag uses Active Radio Frequency (RF) based Real-Time Location System (RTLS) technology, to enable real-time location tracking of people or assets.

The Tag has two configurable buttons which enables the real-time notification of warnings with the tag's location to a variety of media's that includes computer stations, mobile devices via audible alarm, email or SMS.

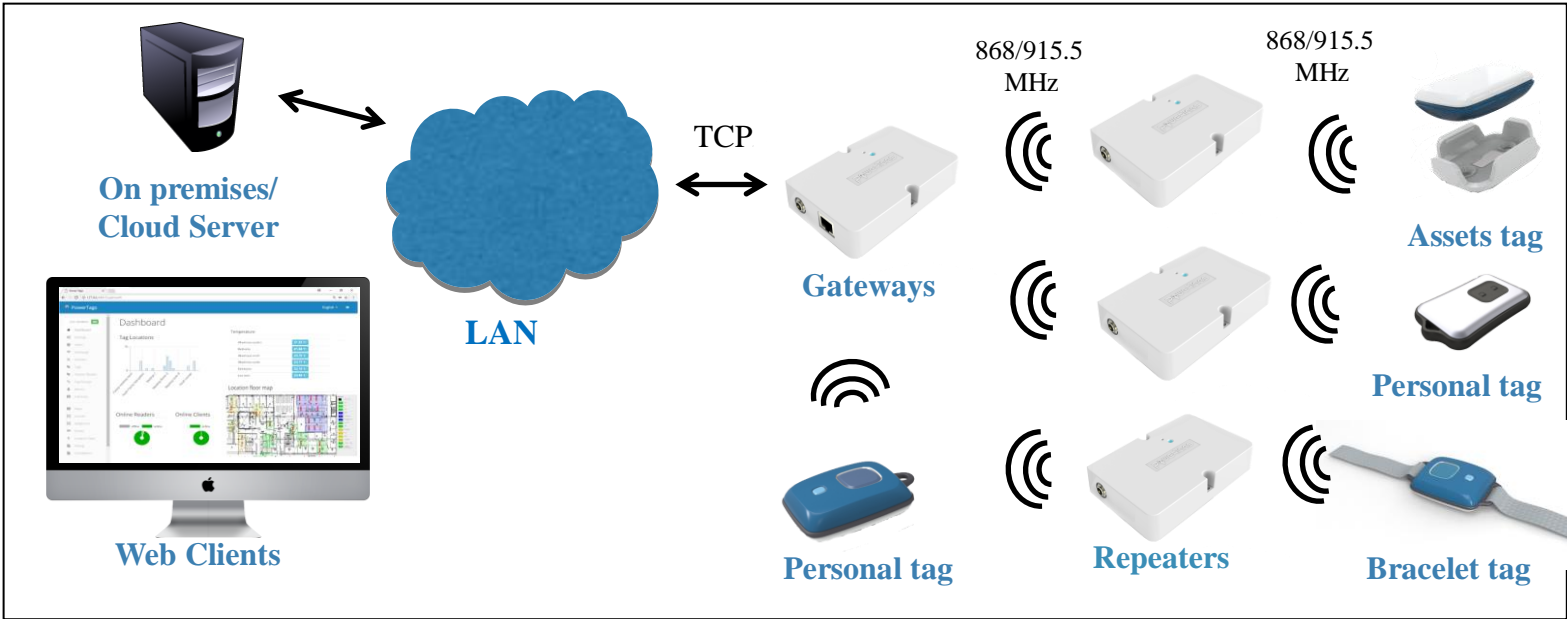
The buttons usage can be configured via a centralized management system to perform the different operations.

The Tag contains a tilt detection sensor that enables the detection of tiny movements and increase the transmission interval to achieve better positioning while in motion.

The personal positioning tag is part of PowerTags' portfolio offering that also includes patient tracking bracelet, disposable tags, readers, gateways and management system.



**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 .....2 Years(personal tracking) - 7 Years(equipment)  
 \*(according to location update interval)  
 Standby Current – 0.04uA  
 Average currents in Active tracking mode – 0.032mA  
 Optional – multifunction button (on/off, duress, other)

Dimensions (H x W x D)..... 32 x 40 x 10 mm  
 Weight..... 10 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: 2AEXTPOWERTAGS

Optional bracket for asset tags:

Attached to asset using strip/screw or industrial adhesive glue

