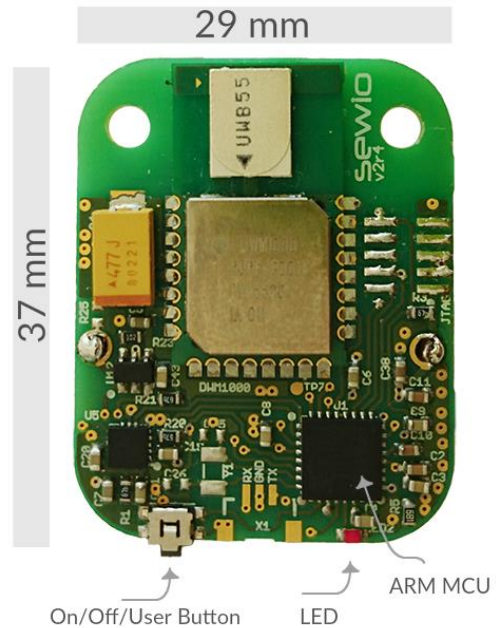


# Piccolino Tag for RTLS-TDoA

## Tiny Tag powered by coin battery

### Features

- Compliant with UWB PHY IEEE 802.15.4a
- DecaWave UWB Radio, 6 channels, 3-7GHz
- Driven by Ultra Low Power ARM EFM32G M3
- Coin Battery CR 2450 600mA
- Configuration Wirelessly via RTLS Manager
- User LED indication
- Unique 6 bytes ID
- Inertial Sensor
- Accelerometer (MMA8543)



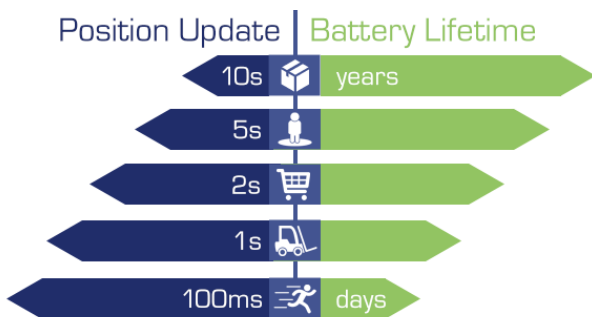
**Tag is an active mobile locator. Its position is reported within selected refresh rate. Tracked object need to be equipped with this device.**

Tag is powered from a coin battery and configurable through RTLS Manager web interface. Piccolino Tag is equipped with DecaWave radio module with an integrated ceramic antenna. It supports six channels and three communication speeds 110/850/6800 kbit/s. The Tag also features an accelerometer for movement detection in order to prolong battery lifetime.

- UWB UWB
- Movement Detection
- White labelling possible

### Optional

- Orientation Roll, Yaw, Pitch
- Source code available
- HW layout available



<b>Dimensions (without enclosure)</b>	29 x 37 x 16 mm
<b>Refresh Rate</b>	50ms – 60s
<b>Battery Lifetime*</b>	10s – 5 years 1 s – 1 year 500ms – 248 days 100ms – 53 days
<b>CR2450 Battery Capacity Range</b>	600mAh 15-50m

\*depends on RF Profile settings, can be significantly prolonged with the movement detection feature