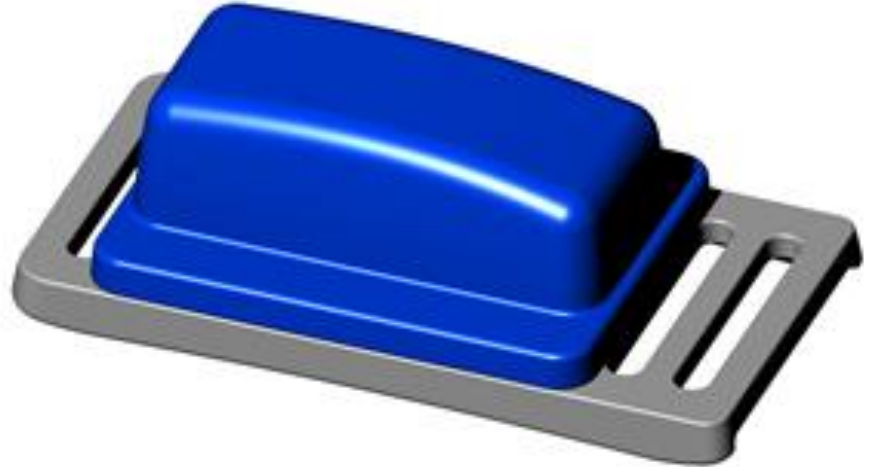


# Tag

## RTLS Active Tag

- **UWB location**
- **15 cm Accuracy**
- **Accelerometer**
- **Dynamic power management**



The tags are battery powered with power supply 2.6 - 3.6 V. The frequency range is 3.5-8 GHz. Approximate life-time is 4 years for 1 second blinking period (two AA lithium cells). Tags send their unique numbers, battery voltage, temperature and object activity information. All parameters are fully reprogrammable via additional radio channel. Modifications can be made for individual tags, group of tags or all tags in the system. All parameters can be modified permanently and some of them can be changed for a required time period. Strategy of blinking can be modified locally for a certain time or can depend on activity of located object. There is possibility to modify software to send additional telemetric data if required.

### Main features:

- Replaceable Battery 3V
- Tag reading range up to 70m, IP67 rated enclosure
- Compliant with international UWB standard, IEEE 802.15.4-2011

<b>Dimensions</b>	<b>40x70 mm</b>
<b>Weight</b>	20 g
<b>Radio Range</b>	up to 70 m
<b>Blinking Rate</b>	30 ms - 60 s
<b>Placement</b>	Indoor/Outdoor

<b>Battery live</b>	•Up to 4 years (depending on condition)
<b>Quantity</b>	•Up to 1000 tags in area
<b>Antena</b>	•Omnidirectional

