

# LoRaTracker



- PROGRAMMABLE
- LoRaWAN
- LoRa
- GPS
- TRACKER
- LONG BATTERY LIFE
- RECHARGEABLE
- I/O Port
- USB

## Product Description

LoRaTracker is a small low-cost and low-power tracker device that uses LoRa/LoRaWAN communication protocol. It is powered by a rechargeable battery and can be used in a variety of applications depending on the programming:

- Position report
- Motion detection
- Safety zone
- Tracking of cargoes, shipment, goods
- Speed monitoring
- Connected PND



LoRaTracker can adjust the on/off time to achieve an optimal balance between positioning accuracy and power consumption.

LoRaTracker can use LoRa or LoRaWAN network.

Magnetic on/off switch to easy activation

The collected data is sent to our IoT Cloud to allow rapid application deployment.

The IoT Cloud works with most popular cloud services and it is customizable for your application.

Possibility to log GPS position when off-line and download them when connected: don't lose any point of the track.

|                   |   |
|-------------------|---|
| Radio Modem       | 434 & 868 MHz, TX power +14dBm, up to 15 km coverage    |
| LoRa Protocol     | LoRaWAN™ Class A compatible                             |
| GPS               | GPS/GLONASS, <2.5 meter accuracy, internal antenna      |
| Battery           | Rechargeable Polymer Li-ion Battery                     |
| Battery charger   | Integrated battery charger through USB port             |
| Low Power         | Months of lifespan depending on battery and application |
| Optional I/O Port | Buzzer, panic button, etc.                              |
| User Interface    | 2 Application configurable LED                          |
| Small PCB size    | 54 x 24 mm  |
| Others            | Magnetic ON/OFF switch (optional)                       |
| Programmable      | Application-programmable                                |

