

## Low Power Indoor Outdoor Tracker



### Key Features

- Tracker using GPS and WiFi geolocation
- Connects to Semtech Lora™ networks
- Multi sensor capability: movement detection, temperature, pressure
- 3-axis accelerometer to measure the activity
- SOS button, LEDs, buzzer
- Rechargeable through a micro USB

### Key Performances

- Highly efficient GPS sensitivity
- WiFi precision: 20m
- Size: 85mm x 55mm x 5mm

### Applications

- Logistics (asset and vehicle tracking, parcels, anti-theft systems...)
- Retail (tracking your belongings: bike, bags...)
- Healthcare (people tracking, monitoring the activity...)

### Product Concept

The Macro Tracker is a general purpose tracker for indoor and outdoor applications. Its small slim form factor and very low power makes it easy to use and ideal when high autonomy is needed. Added with the Abeeway's APY™ application, user can track, locate on demand, detect movement, receive alerts from SOS button, sensors or geofencing.

### Specifications

- **Frequency band :** ISM band: 863 MHz – 870 MHz
- **Output power :** 20 dBm
- **Sensitivity :** -128 dBm
- **Antenna:** PCB
- **LoRaWAN compliant:** 1.0.1 Class A
- **Operating temperature:** -15°C - +65°C

### Battery Lifetime examples

Use Case	Battery Life (Approx.)
Fix on demand	1 year
Movement detection	2 months
1 position every minute	4 days