

# zTrack\_Pro datasheet

zTrack\_Pro is a revolutionally small LoRaWAN based GPS tracking device. The device is widely used to track pets, children, bicycles, elderly people, bags, assets.

In case of average usage (2 hours of motion per day with 5 minutes sending period) zTrack\_Pro can work for up to 4 weeks with one single charge. Charging is done wireless by a Qi charger and it takes 1 hour to fully charge the device. Our zTrack\_Pro tracker has GPS, WiFi module an accelerometer and a temperature meter inside.

## Localisation options:

- **GPS (outdoor)**
- **WiFi RSSI sniffing**
- **LoRaWAN Geolocation (if your network supports that)**
- **As your service provider allows you to do so**



## SPECIFICATIONS

Frequency Band	867,1 – 868,8MHz ISM (SKU-EU) 902.000 MHz to 928.000 MHz (US)	Number of Channels	Configurable 8 channels (SKU-EU)
Battery Specs	Rechargeable via Qi charger 3.7V 190 mAh LiPo	Transmit Power	+14 dBm (25 mW) (EU) up to +18.5 dBm high efficiency PA (US)
Receive Sensitivity	-141 dBm (EU) -146 dBm (US)	Antenna	Built-in
Operating Temperature	-10°C ~ 50°C	Protection Requirements	IP67
Dimensions	L:53 x W:39 x H:15mm (Weight: 25g)	LED indicator	Configurable (Activity, Charging)

**This page is under editing. If you have any question, feel free to contact us.**

## **Specifications :**

- Frequency band: 867,1 – 868,8MHz ISM (SKU-EU) , 902.000 MHz to 928.000 MHz (US)
- Battery specs: Rechargeable via Qi charger
- Receive sensitivity: -141 dBm (EU), -146 dBm (US)
- Operating temperature: -10°C ~ 50°
- Dimensions: L:53 x W:39 x H:15mm (Weight: 25g)
- Certification: CE
- Number of Channels: Configurable 8 channels (SKU-EU)
- Transmit power: +14 dBm (25 mW) (EU) up to +18.5 dBm high efficiency PA (US)
- Antenna: Built-in
- Modulation: LoRa modulation patented by Semtech EP2763321 A1
- LED indicator: Configurable (Activity, Charging)
- Protection requirements: IP67

## **Content of the package**

- zTrack\_Pro LoRaWAN GPS tracker
- neckstrap
- User manual