



The DigiTraq EDGE is a rugged, waterproof, SIGFOX Ready™ GPS tracking device designed to track non-powered assets where ultra-long indoor and outdoor geolocation services is required. The DigiTraq EDGE offers open APIs enabling easy third party integration.

FEATURES

- Up to 5 years autonomy with daily update, 2 years with detailed mapping
- Waterproof and dust proof casing
- Easy installation (plug & play)
- Pole mounting bracket
- Off-the-shelf AA batteries
- Over-The-Air configuration
- Battery status, low battery alert
- Open APIs for 3rd party integration
- Motion Alert / accelerometer
- Geofencing alert

APPLICATIONS



shipping & logistic monitoring



security theft prevention



non-powered asset tracking



trailer fleets tracking



equipment geolocation & recovery

MECHANICAL FEATURES

Weather resistant casing Grey waterproof & dust proof casing made of sturdy flame retardant ABS POLYLAC® PA-765A plastic, built-in with Alert button. Screws or brackets & belt for pole mounting optional.

Operating Temperature -20°C to +65°C

Dimensions (mm) L 108 x W 60 x H 35

Weight 140 grams including batteries

CONNECTIVITY

Network Sigfox (LPWAN)

Configuration Arduino Firmware updatable using programming cable

Sigfox Regions RCZ1 avail, RCZ2 and RCZ4 coming soon

Certification Sigfox Ready, Class 0 (best performance)

GEOLOCALISATION

GPS/GLONASS Module Outdoor geolocation, High sensitivity 99 acquisition channels, 10m accuracy

GPS Antenna with LNA Boosted by low-noise amplifier allows operation in difficult environment.

Wi-Fi Module Indoor geolocation using Wi-Fi sniffing, Wi-Fi Positioning System (WPS)

SPECIFICATIONS

Sleep Current 35µA (micro-amps)

Batteries 3x AA 1.5v batteries – alkaline or lithium or 3x AA 3.6v Lithium Thionyl Chloride for ultra long device autonomy.

Update Frequency Adjustable GPS update frequency using Over-The-Air action via platform from daily locate to 140msg daily

Adaptive Tracking Frequent GPS data is only gathered if the accelerometer is active, if the tracker remains static the GPS update are performed only once per day.

Certification RoHS and CE, FCC coming soon

HidnSeek are dedicated to designing and building innovative solutions to enable remote tracking and asset management, empowering enterprises to improve their operational efficiency. HidnSeek ultra-low power devices are leveraging the rapid and disruptive deployment of the Internet of Things (IoT) networks.

<https://www.hidnseek.fr>

