

GPS+ Tracker

V1.2

Global coverage that doesn't cost the earth

Applications

- Global GPS asset location tracking
- Equipment activity monitoring
- Remote temperature monitoring
- Service life monitoring
- Operation/Handling enforcement
- Fleet management
- Intelligent maintenance management
- GeoFencing and alerts

Product Specification

Core

- ARM® Cortex™-M4F CPU / 64kb RAM
- 1Mbit Flash memory
- 192-bit AES HW encryption

Sensors

- Temperature (± 1 °C (max), -10 to 85 °C)
- Accelerometer (Max 16G detection)
- Pressure / Altitude
- GNSS (GPS/GLONASS)

Comms

- Global USSD + TCP/IP
- 2.4Ghz BLE Radio stack
- Integrated eSim

GPIO & peripheral ports

- 1x I2C expansion channel
- 4x GPIO (configurable as UART)
- 1x ADC (12-Bit)

Power

- 4x CR123A (5800mAh / 17.4Wh)
- up to 5 years lifespan (subject to broadcast frequency)

Environmental limits (Operational)

- $-40\text{C} \dots +70\text{C}$

Physical

- Weight: 200 grams (incl cells)
- Size: 125x61x31mm

Behaviour profiles

Activity monitoring

Configurable motion trigger (100mg to 16000mg)

GNSS options

GPS/GLONASS/Cell Locate, profile configurable

Data upload

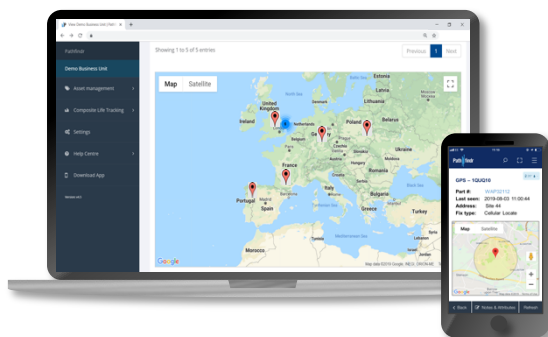
Adjustable post intervals: daily, weekly, on activity/movement

Certification

- CE (RED Directive) / RoHs
- EN 62311:2008 EN 61326-1:2013
- EN 61326-2-3: 2013 EN 301 489-1 V2.2.0
- EN 301 489-1 V2.2.0 EN 301 489-17 V3.2.0
- EN 301 489-19 V2.1.0 EN 301 489-52 V1.1.0
- EN 301 511 V12.5.1 EN 301 908-1 V11.1.1
- EN 301 908-2 V11.1.2 EN 303 413 V1.1.1
- EN 300 328 V2.1.1 EN 50581:2012

Enclosure

- Glass reinforced nylon enclosure
- IP65 ingress rating
- High density foam internal structure
- Flanged base plate
- Custom branding
- User-replaceable battery
- UL94 V-0 flame retardant



Available on desktop, tablet and iOS mobile app