



Technical data:

- Dimension: 127x72x42mm
- Weight: 260g
- Water resistance: IP67
- Temperature range: Active: -20 C to 55 C,
reduced functionality: -40 C to -20 C
- GPS: SifstarIII chipset with high sensitivity
active GPS antenna
- Radio (beacon/other communication) : Chipcon CC1020 (433MHZ).
- GSM module: Siemens MC55 , Quadband

- Communication: SMS, GPRS
- Movement sensor
- Tamper switch
- Sub 1 meter accuracy
- All antennas are embedded in the product (but possible to deliver with external antennas on request)

Power variants:

- mtrack^{PRO} wireless : On board 10Ah LiSOCl2 battery
- mtrack^{PRO} rechargeable : On board 1,7Ah - 5Ah rechargeable Lilon battery
- mtrack^{PRO} wired : Input voltage : 8-30V , with lithium ion backup battery (1,7Ah)

Positioning:

- GPS, GSM, and Beacons (433 MHz)
- GPS also reports time/date, position, speed and heading

Additional products:

- Turn on/off functionality (Remote control) for geofence or movement sensor
- Wireless monitoring of signals (MRM)



Applications:

- Tracking/Recovery of stolen assets: Cargo, trailers, vehicles, boats, machinery etc
- Asset monitoring: Machine monitoring,
- Fleet tracking; Continuous reports of positions from an object, or logged to eeprom and sent to server on request.
- Triplog: Complete drivers log.

Sensors:

- Movement
- Tamper
- Temperature
- Battery usage

Software features:

- Motion sensing (with the use of movement sensor, GPS positioning or GSM base station topology), positioning logging to eeprom, firmware update through GPRS, low battery warning.
- Microcontroller capacity caters for future added software functionality

Web application:

- All functionality is monitored and configured via internet connectivity through a web browser