



SMART TRACKING:

ASSET TRACKER

An innovative, reliable and long lasting solution for GPS and cell-id based asset/inventory tracking, work time monitoring and crash detection.

- Based on 2G (optional 4G module available too)
- High sensitive and fast starting GPS
- Intelligent power saving mode
- Battery capacity of up to 15.000 mAh
- Battery lifetime per charging cycle of up to several months
- Intelligent Firmware with geofence detection even without GPS-signal (based on an innovative cell-id solution)

Hardware and Firmware developed and produced by Nodecon

- Various functionality options and flexible configuration possibilities
- Communication through MQTT by default, proprietary protocols can be implemented as well

Flexible housing and battery capacity

- **Different housings available (based on requirements)**
- **Different battery packs available (1000 – 15.000 mAh)**





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Application examples:

- Employee work time monitoring
- Asset and people tracking/localization and identification
- Indoor tracking/localization
- Inventory tracking

SPECIFICATIONS:

GENERAL	
Communication Modes	LTE Cat.4 / 3G / EDGE / 2G
Operating Bands (MHz)	Version available for all Regions worldwide
Communication Protocols	MQTT (default), optional other proprietary protocols
Interfaces	On request

GPS	
Location Technology	GPS/GLONASS/BeiDou/Galileo/QZSS
Location Accuracy	2.0 m
Anti-jamming	Detection and Alert

ELECTRICAL	
Power Consumption	<1 uA @ 12V (deep sleep) <75mA @ 12V (sleep on network with UDP) <200mA @ 12V (active tracking)
Backup Battery	Lithium-Ion 1000 - 15.000 mAh

ENVIRONMENTAL	
Temperature	-40° to +85° C
Approvals	CE, FCC
RoHS Compliant	Yes

PHYSICAL	
Housing	IP67 UL 94-5VA certified NEMA Rating 4, 4X, 6, 6P, 12 & 13
Dimensions	160x90x40mm
Weight	300 g (with 12.000 mAh)

