TotalTracker

COMPACT GPS TRACKING DEVICE FOR LONG-TERM MONITORING WITH USB CHARGING AND SIMPLE MAGNETIC INSTALLATION

USAGE AND CHARACTERISTICS

- Suitable GPS device for tracking and security of cars, motorcycles or pallets
- Localization and tracking at preselected time interval
- Monitoring of temperature, tilting
- Vibration and shock detection using G-sensor
- Easy installation by extremely strong magnets
- Option of fixed installation
- Charging by USB
- Battery life up to 2 years (2 positions per day)

MEASURES AND TRANSMITS

- Exact position according to GNSS satellite system
- Approximate position from BTS
- Online tracking of speed and direction of movement
- Temperature, altitude
- Tilting + removal detection
- Battery status
- G-shock alert

TYPES AVAILABLE*

TYPE	GSM	BATTERY	CHARGING
TT 100 202	2G	7 800 mAh	USB-C
TT 100 002	4G NB IoT / 2G / LTE	7 800 mAh	USB-C

*for customized solutions please feel free to contact us

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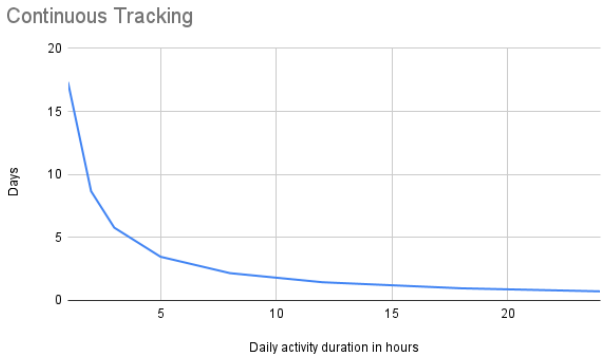
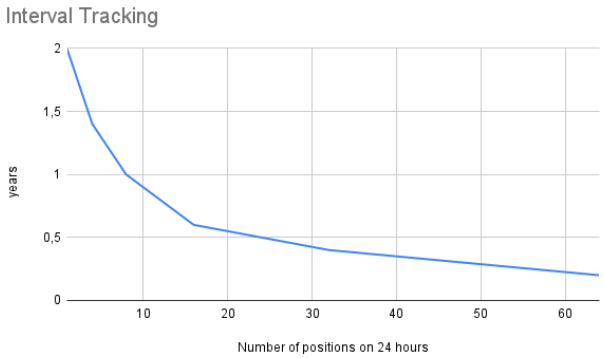
TECHNICAL PARAMETERS

GSM	version 2G	850/900/1800/1900 MHz
	version 4G NB-IoT	B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B28/B66/B71/B85
	version 4G LTE Cat M1	B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B27/B28/B66/B85
	SIM	Micro Sim, Plug -in 1.8 V
	Types of communication	Calling, SMS, GSM Data, GPRS
	Calls	Alarm call
	SMS	Alarm&Info SMS; SMS commands, requests, SMS configuration
	GPRS internet connectivity	Class 12/static & dynamic IP VPN, UDP protocol / 128bit security encryption key / FW upgrade, configuration settings, on-line value reading, report memory reading, control
GNSS	GPS and Glonass	66 satellites
ANTENNAS	GPS and GSM	Internal
BATTERIES	Type and Capacity	Li-Ion 7 800 mAh rechargeable
CONSUMPTION	Standby	4 mAh continuously 24 hours per day
	Sending of GPS position to server	1 mAh single shot
	Self-discharge of battery	5 mAh continuously (temp. 15 °C – 25 °C)
INPUTS	USB-C	USB charger 2A
SENSORS	3 dimensions G sensor	Movement detection / tilt detection / G-shock
	Other sensors	Temperature
INTERNAL MEMORY	Flash 512 kB	Capacity 5 000 events or GPS positions
DIMENSIONS	Plastic box	120 x 80 x 24 mm
TEMPERATURE RANGE	Li-Ion rechargeable batteries	-25 °C up to +70 °C, charging +5 °C up to +35 °C
PROTECTION CLASS	IP66	Waterproof
WEIGHT	With batteries	220 g
STANDARDS	EMC	EN 50121-3-2 ed.4 | EN 61000-6-4:2007+A1:2011 | EN 55032:2015 | EN 55024:2010
	LVD	EN 62368-1:2014+A11:2017
	Climatic testing	EN 50155 | EN 60068-2-2 | EN 60068-2-1 ed.2 | EN 60068-2-30 ed. 2
	Shock and vibration	EN 61373 ed. 2
	IP code	EN 60529

BATTERY LIFE FOR PRESELECTED TRACKING MODE





Expected conditions:
> GPS and GSM signals have no significant obstacles
> Temperature in range from 15°C up to 25°C

LEVEL SYSTEMS

Plhovska 1997, 547 01
Nachod, Czech republic

tel: +420 491 446 611
fax: +420 491 446 644
email: level@level.systems

Data Box ID: tsjidcq
IČ: 474 69 374
DIČ: CZ 474 69 374

www.level.systems
C 2701 District court
Hradec Kralove