

CompactTracker

COMPACT BATTERY GPS TRACKING DEVICE FOR LONG-TERM MONITORING WITH USB-C CONNECTION

USAGE AND CHARACTERISTICS

- » For tracking and security of motorcycles, vehicles, parcels, luggage etc.
- » Location and tracking at preselected time interval
- » Monitoring of temperature, vibration and tilt
- » G-shock warning
- » Compact design and dimensions
- » USB-C connector
- » Battery life up to 12 months

MEASURES AND TRANSMITS

- » GPS & GSM positioning
- » Speed and direction of movement
- » G-shock detection
- » Temperature
- » Altitude
- » Tilting – motorcycle or bike falling detection
- » Battery voltage and status
- » Driver behaviour evaluation



CURRENTLY AVAILABLE*

| TYPE | GSM | GPS | BATTERY | CHARGING |
|------------|-------------|-----|-----------|----------|
| CT 100 201 | 2G | ✓ | 3 400 mAh | USB-C |
| CT 100 001 | 4G IoT / 2G | ✓ | 3 400 mAh | USB-C |

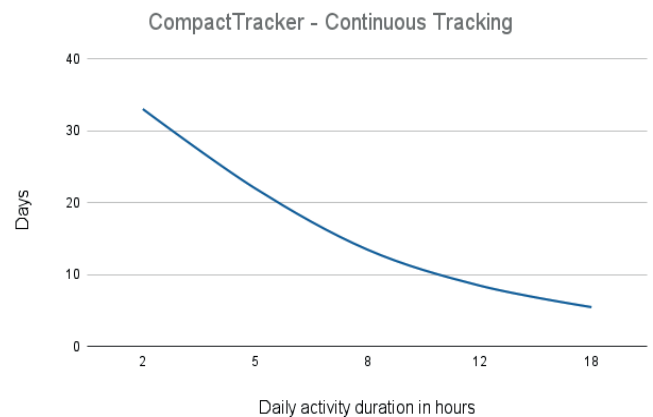
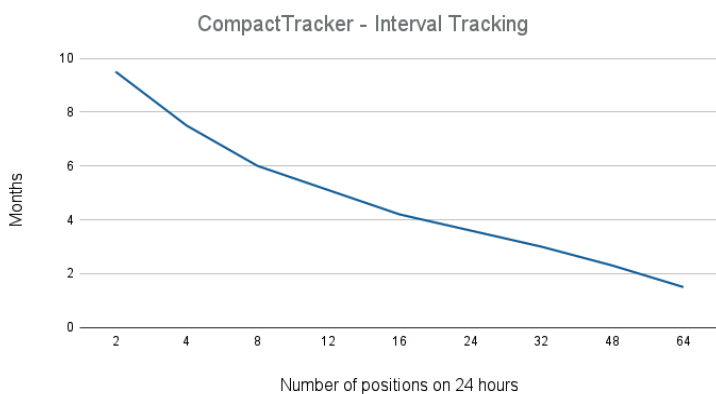
*for customized solutions please feel free to contact us

CompactTracker

TECHNICAL PARAMETERS

| | | |
|--------------------------|-----------------------------------|--|
| GSM | Version 2G | 850/900/1800/1900 MHz |
| | Version 4G NB-IoT | B1@2100MHz, B3@1800MHz, B8@900MHz, B5@850MHz, B20@800MHz, B28@700 MHz |
| | Version 4G LTE NB-IoT EGPRS | B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28/B39 - for Cat M1 only @LTE 850/900/1800/1900 @EGPRS |
| | SIM | Nano SIM, Plug-in 1.8 V |
| | Types of communication | Calling, SMS, 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 |
| GNSS | GPS and Glonass | 66 satellites |
| ANTENNAS | GPS, GSM | Internal |
| BATTERIES | Type and Capacity | Li-Ion 3 400 mAh rechargeable |
| CONSUMPTION | Sleep mode | 5 mAh a day |
| | Sending of GPS position to server | 1,5 mAh single shot |
| CONNECTION | USB-C | Charging / report memory reading / configuration / FW upgrade |
| SENSORS | 3 dimensions G sensor | Movement detection / tilt detection / G-shock detection |
| | Other sensors | Temperature |
| INTERNAL MEMORY | Flash 512 kB | Capacity 5 000 events or GPS positions |
| DIMENSIONS | Plastic box | 50 x 90 x 20 mm |
| TEMPERATURE RANGE | Li-Ion rechargeable batteries | -20 °C up to +65 °C, charging +5 °C up to +35 °C |
| PROTECTION CLASS | IP30 | |
| WEIGHT | 130 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 |

BATTERY LIFE



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



Plhovska 1997, 547 01
Nachod, Czech republic

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

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

www.level.systems
C 2701 District court
Hradec Kralove

