

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	2G/4G NB-IoT/Cat M1	✓	3 400 mAh	USB-C

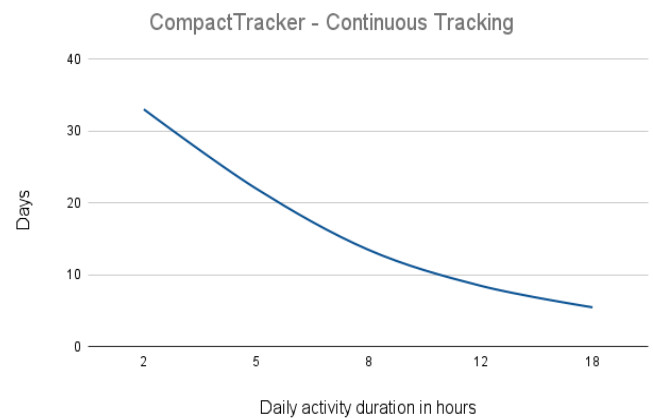
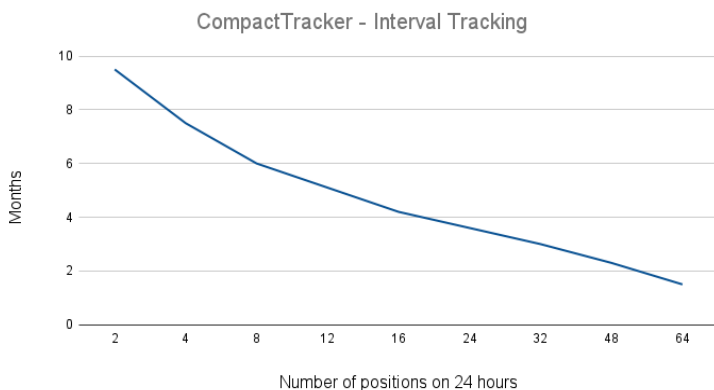
*for customized solutions please feel free to contact us

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

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