

trexee))) M

COMPACT GPS TRACKING DEVICE FOR LONG-TERM MONITORING, USB OR CABLE CHARGING OPTIONS AND SIMPLE MAGNETIC INSTALLATION

USAGE AND CHARACTERISTICS

For the tracking and security of trailers, caravans, machinery and construction equipment. Also suitable as an independent GPS unit for the tracking and security of vehicles or motorcycles.

- › Localization and tracking at preselected time interval
- › Monitoring of temperature, acceleration, vibrations, tilting
- › G-shock detection
- › Monitoring of analog input values
- › Monitoring of binary input state - on/off
- › Easy installation by extremely strong magnets
- › Option of screw fixed installation
- › Charging by USB or cable
- › Battery life up to 24 months

MEASURES AND TRANSMITS

- › Exact position of GPS and Glonass satellite system
- › GSM localization
- › Speed and direction of movement
- › Temperature, air pressure, humidity, altitude, acceleration
- › Tilting – removal detection
- › Battery voltage and status
- › G-shock alert
- › Analogue input voltage
- › Binary input status
- › Vibration pattern measurement
- › Firmware and settings update via OTA
- › API and Webhook available
- › Aircraft and Motorbike configuration - tracking in seconds



TYPES AVAILABLE

TYP	GSM	BATTERY	CHARGING	INPUT
GC 095 243	2G	7 800 mAh	USB	x
GC 095 253	2G	7 800 mAh	cable	1 x analog / 1 x binary
GC 095 043	2G/3G	7 800 mAh	USB	x
GC 095 053	2G/3G	7 800 mAh	cable	1 x analog / 1 x binary
GC 095 263	2G	10 800 mAh	USB	x

ACCESSORIES

SA 092 000	USB charger 2A (including cable)
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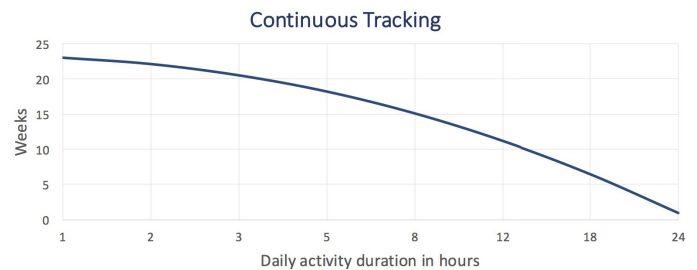
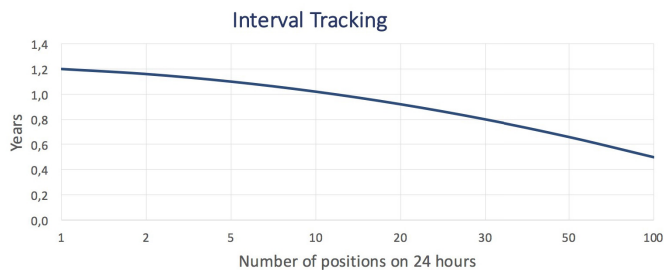
TECHNICAL PARAMETERS

GSM	QuadBand 2G – 3G	850/900/1800/1900 MHz – 850/900/1800/1900/2100 MHz	
	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	LiIon 7 800 mAh rechargeable	LiIon 10 800 mAh rechargeable
CONSUMPTION	Standby	0.2 mAh continuously	
	Sending of GPS position to server	0.6 mAh single shot	
	Self-discharge of battery	0.6 mAh continuously (temp. 15 °C – 25 °C)	
INPUTS	Charging by cable*	Charging 8-35 V / max. 1 A@8 V	
	USB micro **	USB charger 2A - see accessories	
	Analog*	Analog value 0-30 V	
	Binary*	Binary value (log0 = 0-4 V, Log 1 = 5 – 30 V)	
SENSORS	3 dimensions G sensor	Movement detection / tilt detection / vibration histogram / G-shock	
	Other sensors	Temperature / humidity / air pressure	
INTERNAL MEMORY	Flash 512 kB	Min. capacity 5 000 events or GPS positions	
DIMENSIONS	Plastic box	120 x 80 x 24 mm	
TEMPERATURE RANGE	LiIon rechargeable batteries	-25 °C up to +70 °C, charging 0 °C up to +70 °C	
PROTECTION CLASS	IP65	Waterproof	
WEIGHT	With batteries	220 g	
CERTIFICATION	CE	EMC	
	ATEX	ATEX EX II 3G Ex ic IIA T4 Gc	

* For types with cable only

** For types with USB charging

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

ASSET	INTERVAL	KM	MONTHS
Motorbike	moto configuration	up to 6 000	20
Plane	1 x 10 s	up to 15 300	2
Container	1 x 12 h	up to 1 500	18