

CT1 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
GC 100 201	2G	✓	3 400 mAh	USB-C

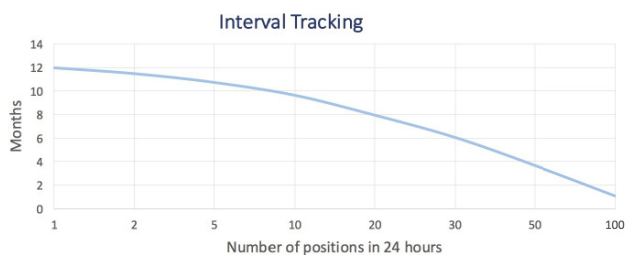
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TECHNICAL PARAMETERS

GSM	QuadBand 2G	850/900/1800/1900 MHz
	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	Lilon 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, humidity, air pressure
INTERNAL MEMORY	Flash 512 kB	Capacity 5 000 events or GPS positions
DIMENSIONS	Plastic box	50 x 90 x 20 mm
TEMPERATURE RANGE	-20 °C up to +65 °C, charging 0 °C up to +40 °C	
PROTECTION CLASS	IP30	
WEIGHT	120 g	

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
- > Valid for units with battery only