

Personal GPS Tracker 5G NB-IoT

Malé, nabíjateľné a nositeľné monitorovacie zariadenie s možnosťou použitia SOS tlačidla a výdržou batérie v rozmedzí mesiacov až roka



| Funkcie



- Vysoká presnosť určovania polohy vďaka súčasnému príjmu až 3 GNSS
- Rozšíriteľný aj o indoor lokalizáciu
- Nízke náklady na prevádzku a údržbu
- Notifikácie alarmových stavov a stavu batérie
- Integrovaný akcelerometer
- Rozšíriteľný o Sensory BLE (viac ako 110 typov meraných veličín)

| Použitie



Lokalizácia a sledovanie
pohybu osôb, zvierat,
alebo tovaru



Monitoring dôchodcov
alebo detí



Monitoring a bezpečnosť
pracovníkov v teréne

PERSONAL GPS TRACKER 5G NB-IOT



Technical Specifications

Location GNSS

Receiver type	u-blox 72-channel
Concurrent GNSS	GPS, GLONASS, Galileo, QZSS, BeiDou
Position accuracy	2.5 m CEP
Sensitivity	-165 dBm
GNSS Assistance	A-GNSS / Assist online GNSS

Cellular

Technology	LTE Cat NB1/NB2
3GPP	Release 13, Release 14
Region usage	Europe
Bands	LTE: B3, B5, B8, B20, B28
SIM card size	nano SIM 4FF / eSIM MFF2

Bluetooth Low Energy

Bluetooth® qualification	5.0 (Bluetooth Low Energy)
Maximum range	190 m
Receiver sensitivity	-95 dBm

Power and Battery

Power Supply	Rechargeable Li-Ion Battery
Battery Capacity	1 800 mAh
Charging	Wireless Qi (WPC 1.2) at 0 °C to +60 °C

Other

Antennas	Built-in antenna GNSS, Cellular, BLE
User defined button	SOS / Yes
LED Indicators	Battery status, Network status, GNSS status
Sensors	Internal 3-axis accelerometer and gyroscope, BLE sensors support
Functionalities	Movement detect, SOS button, Settings & Firmware update Over The Air, Bluetooth Positioning

Environmental data & reliability

Operating temperature	-40 °C to +85 °C (battery -10 °C to +60 °C)
Relative humidity	5% to 95% non condensing
Ingress Protection Rating	IP65
RoHS compliant	lead-free

Size and Weight

Weight without battery (net)	90 g
Material	ABS
Dimensions	78 x 48 x 29 mm (L x W x H)

Certifications and approvals

Certifications	CE / RED, RoHS & REACH compliant
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Integrability

Protocols	UDP, CoAP*, MQTT*, MTQTT-SN*, LwM2M*
Platform	Vimron IoT Platform, Amazon AWS, Microsoft Azure, IBM Watson IoT, Google Cloud Platform, Orange Live Objects, Cloud of Things