RAMAC™ P1
Smart Location Button

The RAMAC™ Smart Location Button is a cutting-edge smart button solution that seamlessly integrates GPS/SigFox and BLE technologies. Through the use of the RAMAC™ Mobile Application, the button can be tailored to meet the specific needs of clients by configuring it for different modes. This level of customization allows the RAMAC™ Smart Location Button to provide unparalleled intelligence and efficiency to its users. Whether you need to track your vehicles, equipment, or personnel, the RAMAC™ P2 has got you covered.

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sigfox ready

sigfox verified

sigfox partner

G-Matrix Systems
Integrated System Design

Your Full IOT
Turnkey Solution Partner

Hardware development, prototyping, firmware development, database design, testing integration and web integration.

DATA SHEET

CONNECTIVITY

Bluetooth Low Energy
SigFox RCZ1 - Class 0 and RCZ4 Ready
High-precision GPS/GLONASS

BATTERY

Equipped LiPo 800mAH 3.7V
Online Battery Indicator
Heartbeat sent once a day

SPECIFICATIONS

SigFox Certified Class 0 (RCZ1)
ICASA Approved
Dimensions (LxWxH): 75 x 50 x 17 mm
Operating Temperature: -10°C to +60°C

CLOUD COMPUTING SERVICES

RAMAC™ platform is MS AZURE hosted
3rd Party Integration available
Client Customization

CONFIGURABLE MODES

Movement activation tracking
Fall detection
Tracking interval
Button mode configuration
Heartbeat interval configuration
Panic mode interval adjustment
Off-line logging
BLE detection configuration
GPS lock interval

WHY CHOOSE US?
Benefits Include

- The RAMAC™ P1 is designed to be resilient to jamming, making use of global SigFox communication. With RC1 certification and RC4 readiness, the button is capable of ensuring uninterrupted communication, providing peace of mind to its users.
- Extended Range Real-Time Communication: The button uses SigFox Compliant radio networks to enable extended range real-time communication. This capability allows for seamless and continuous communication, even in areas where cellular network coverage is limited.

WHY CHOOSE US?
More Benefits

- Easy to use and Upgrade: The button is USB-C rechargeable, and its firmware can be upgraded via the mobile application, making it convenient and user-friendly. Additionally, daily self-diagnoses via a heartbeat message ensure the button is always in top working condition.
- Cost-Effective and Low-Maintenance: With a long battery life of up to 8 months on one charge, the RAMAC™ P1 offers a low total cost of ownership, thanks to its maintenance-free autonomy. This means that users can enjoy significant cost savings in the long run.
- Versatile and Compact Design: The button's small form factor and multi-functional capabilities make it a versatile and adaptable solution for various use cases. It can be easily integrated into any system, offering seamless connectivity, even in remote or challenging environments.
- Flexible and Open Integration: The button's API and SDK are available for IOS and Android, providing flexibility and enabling easy integration into existing systems. Additionally, the button is offline logging capable, enabling it to store additional points that could not be sent in LPWAN messages.