



Smart Location Button – P1

The Smart P1 Location Button is a cutting-edge smart button solution that seamlessly integrates GPS/SigFox and BLE technologies. Through the use of the 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 Smart Location Button to provide unparalleled intelligence and efficiency to its users. Whether you need to track your vehicles, equipment, or personnel, the P1 has got you covered

Workers in the field face safety risks every day, especially when working in dangerous areas. Equip your workers with reliable location-based communication tools and assure an immediate response in an emergency. The P1 Location Button is part of IES range of personal safety solutions and devices, supports welfare monitoring and is a critical part of field worker safety, especially in volatile, high-risk and remote environments.

Integrated with industry-leading mapping and reporting software, our P1 Location Button Solution offers seamless communication, location identification and alert management. Alerts can be triggered by inactivity or a missed timed check-in, giving workers peace of mind, knowing that if they aren't able to manually trigger an alert help is still on its way.

Benefits Include:

- Pinpoints the location of your employees, facilitating a fast response in an emergency
- Covers multiple risk scenarios with intelligent cause and-effect features
- Alerts monitoring staff upon PANIC and timed check-in alerts
- The 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.
- 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 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.



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

RAMSA 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

Web Portal

August 31, 2023 W THU

Online Devices: 4 Offline Devices: 95

Sort By: Device ID Sort Order: Ascending

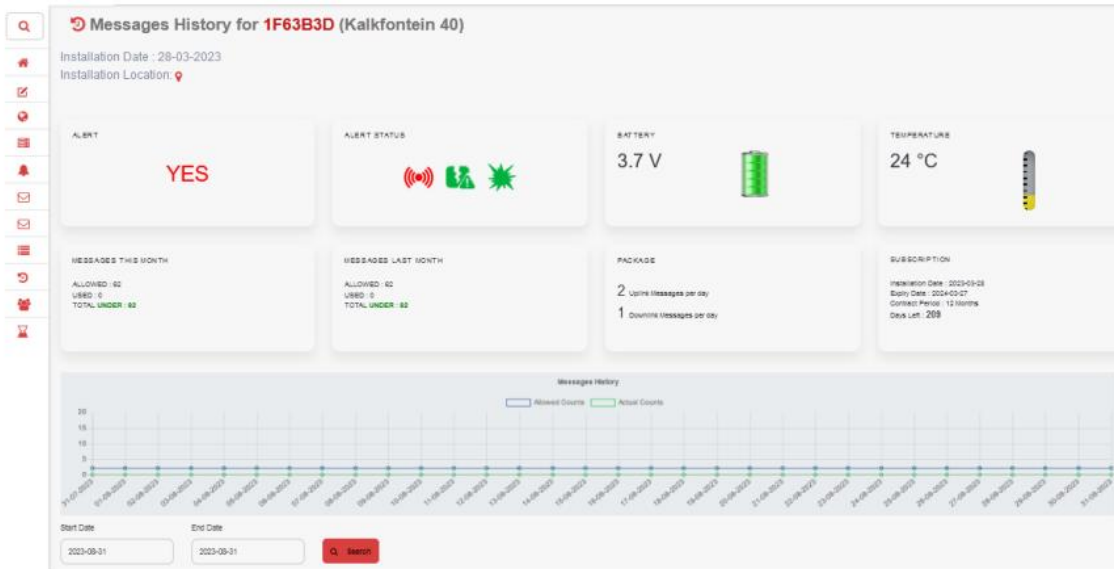
ACTION	DEVICE ID	SUBSCRIPTION START	SUBSCRIPTION END	NAME	FIRMWARE VERSION	LAST SEEN	ALERT	ALERT STATUS	SOFT SUSPEND	NOTIFICATION
I	IFP43833	28-03-2023	27-03-2024	Kalkfontein 40	5	3 months ago	🔴🔔	🔴🟢🟢🟢	🔴	🔔🔔
I	IFP43810	13-03-2023	12-03-2024	Kalkfontein 13	5	5 months ago	🔴🔔	🔴🟢🟢🟢	🔴	🔔🔔
I	IFP43824	13-03-2023	12-03-2024	Kalkfontein 23	5	4 months ago	🔴🔔	🔴🟢🟢🟢	🔴	🔔🔔
I	IFP43850	13-03-2023	12-03-2024	Kalkfontein 33	5	5 months ago	🔴🔔	🔴🟢🟢🟢	🔴	🔔🔔
I	IFP43848	13-03-2023	12-03-2024	Kalkfontein 3	5	3 months ago	🔴🔔	🔴🟢🟢🟢	🔴	🔔🔔
I	IFP43875	28-03-2023	27-03-2024	Kalkfontein 34	12	4 months ago	🔴🔔	🔴🟢🟢🟢	🔴	🔔🔔
I	IFP43879	28-03-2023	27-03-2024	Kalkfontein 45	12	2 months ago	🔴🔔	🔴🟢🟢🟢	🔴	🔔🔔
I	IFP43830	28-03-2023	27-03-2024	Kalkfontein 35	12	5 months ago	🔴🔔	🔴🟢🟢🟢	🔴	🔔🔔
I	IFP43858	17-03-2023	16-03-2024	Kalkfontein 10	12	3 months ago	🔴🔔	🔴🟢🟢🟢	🔴	🔔🔔

All the triggers will display on the Web Portal and you will also receive an email as soon as trigger is activated.

From: REMACV2 <notifications@remal.io>
Sent: Thursday, 31 August 2023 07:36
To: infedsol@gmail.com
Subject: IESV2 : Motion is detected for MD1 Device

Motion is detected for P1 Device
Device:C715B9
Name:Test Sensor C715B9
Date time:2023-08-31 07:35:53
Account:IES IOT SOLUTIONS
<https://portal.remal.io/vd/C715B9/15>
[Click Here](#) to view the Insallation location on the map.

Detail of device



The device can be integrated into Listener Alarm Monitoring Software, or any software that are using in Control Room environments.

What is Sigfox?

Sigfox was founded in 2010 with a vision to connect every object in our physical world to the digital universe. Sigfox built a global network dedicated to the Internet of Things based on low power, long range and small data that offers an end-to-end connectivity service.

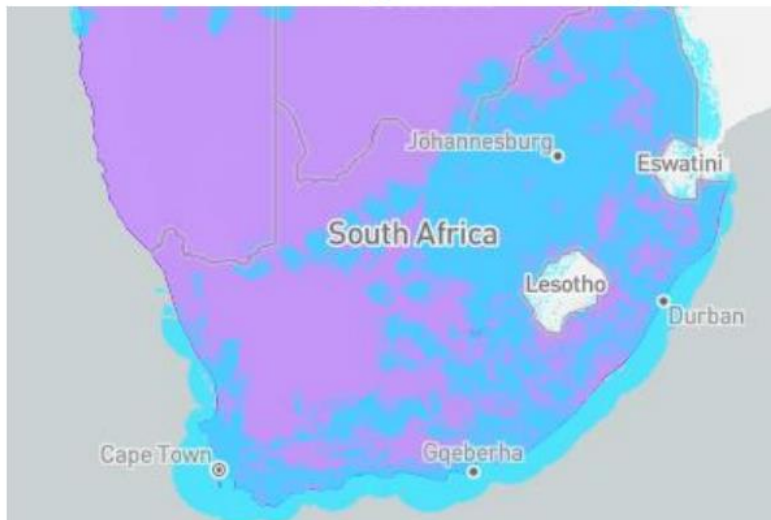
The Sigfox network now covers 93% of the South African population providing nationwide coverage for IoT.

Our battery powered Sigfox devices provide an overview of where your staff or assets are situated via an online tracking platform with technology that cannot be compromised by GSM jamming.

The Sigfox protocol focuses on:

- **Autonomy.** Extremely low energy consumption, allowing years of battery life.
- **Simplicity.** No configuration, connection request or signaling. Your device is up and running within minutes!
- **Cost efficiency.** From the hardware used in the devices to our network, Sigfox optimizes every step to be as cost-effective as possible.
- **Small messages.** No large media allowed on the network, only small notifications: up to 12 bytes.
- **Complementarity.** Thanks to its low cost and ease of configuration, you can also use Sigfox as a secondary solution to any other type of network, e.g.: Wi-Fi, Bluetooth, GPRS, etc

Sigfox coverage



We thank you for the opportunity to quote, and look forward to your further advices. Should you require any further details please contact me.

If we can be of any assistance in ensuring the success of your next project, please do not hesitate to call.

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I hope you find this email in order and looking forward to your response.

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