

SMART LOCATION BUTTON



About P1 Smart Location Button

Introducing the Smart Location Button, a cutting-edge smart button solution that integrates GPS/SigFox and BLE technologies to provide advanced tracking and safety features.

Our device offers a range of configurable modes,

- including movement activation tracking,
 - fall detection,
 - button mode configuration,
- to mention a few.

Overall, the Smart Location Button is a highly configurable and versatile device that can serve a wide range of use cases. Whether you are tracking the movement of people or objects or monitoring the safety of individuals, our smart button solution provides an impressive range of features and customization options to suit your needs.

Suitable for:

- Maintenance workers - rural areas
- Emergency rescue worker
- Law enforcement
- Firemen





SMART LOCATION BUTTON

Features

PANIC BUTTON

Users can activate the Panic mode by simply pressing the button three times in quick succession. Whether its a medical emergency, a threat to personal safety, or any other situation requiring immediate assistance, our Smart Location Button's panic mode is a quick and reliable solution for getting help quickly.



SMART LOCATION BUTTON

Features

NO CELL PHONE COMMUNICATION NEEDED

Our Smart Location Button don't need cell phone communication. We use Sigfox or LoRa as the communication protocol. Both of the protocol's is available nationwide.



SMART LOCATION BUTTON

Features

FALL DETECTION

Our Smart Location Button also features fall detection technology, providing an added layer of safety and security for users. The fall detection technology is highly sensitive and accurate, ensuring that alerts are triggered only when necessary and reducing the risk of false alarms.

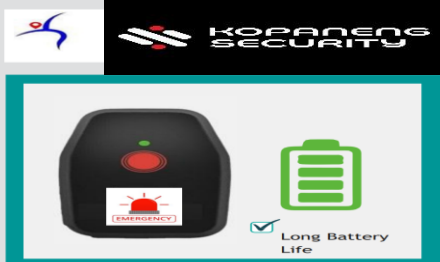


SMART LOCATION BUTTON

Features

GPS TRACKING

Our Smart Location Button allows users to set the tracking interval at every 15 min. This feature provides users with regular updates on the device's location, making it ideal for fleet management, asset tracking, and other applications where location data is crucial.



SMART LOCATION BUTTON

Features

LOW MAINTENANCE

In addition to the tracking interval feature, our Smart Button is designed to conserve battery life by automatically entering sleep mode during periods of no movement. This feature ensures that the device remains operational for longer periods, reducing the need for frequent recharging.



SMART LOCATION BUTTON

Features

USB-C RECHARGEABLE

Adding another benefit to our Smart Location Button, it is also USB-C rechargeable, allowing users to quickly and easily recharge the device with a standard USB-C cable. This feature provides added convenience and flexibility for users, as they can easily charge the device using a range of compatible devices.



SMART LOCATION BUTTON

Features

ROBUST ANTI-JAMMING CAPABILITIES

Our Smart Location Button 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.



SMART LOCATION BUTTON

Features

SMALL FORM FACTOR

Our Smart Location Button is a compact and lightweight device that is designed for easy portability. It's small form factor makes it easy to carry in a pocket or bag and the device also features a space for a lanyard to fit, providing flexibility for users in how they wear or carry the device.



SMART LOCATION BUTTON

X2 Quick Flash every 2 seconds - Searching for GPS
 X2 Quick Flash every second - Connected to Bluetooth
 X3 Flash every 2 seconds - Sending/Receiving SigFox
 Always On - Charge Fault
 X1 - X5 Flash every half second based on charge level (0 to 19% - 1 flash, 20 to 39 - 2 flashes, 40 to 59 - 3 flashes, 60 to 79 - 4 flashes, 80 to 99 - 5 flashes, 100% - 5 flashes every 2 seconds).



Software portal

SMART LOCATION BUTTON

• PORTAL

The Portal is a ready-to-use online web-based portal for device management, remote monitoring, and event reporting. API is available enabling easy integration.

• APP

The App allows local device configuration, OTA Firmware updates, diagnostics, and real-time information of the device. SDK is available for Android and IOS.



Welcome Back

Username

Password

☐ Remember Me

☒ I have read and agreed to Terms and Conditions

[SIGN IN](#)

Forgot your password? [Reset Now](#)

[Download on the App Store](#) [GET IT ON Google Play](#)

VERSION: 3.2.01



August 31, 2023 08:36:16 THU

Online Devices: 4 Offline Devices: 95

Sort By: Device ID Sort Order: Ascending

Clear Search

ACTION	DEVICE ID	SUBSCRIPTION START	SUBSCRIPTION END	NAME	FIRMWARE VERSION	LAST SEEN	ALERT	ALERT STATUS	SOFT SUSPEND	NOTIFICATION
	1F9383D	28-03-2023	27-03-2024	Kalkfontein 40	5	3 months ago				
	1F9461D	13-03-2023	12-03-2024	Kalkfontein 13	5	5 months ago				
	1F94626	13-03-2023	12-03-2024	Kalkfontein 23	5	4 months ago				
	1F94680	13-03-2023	12-03-2024	Kalkfontein 33	5	5 months ago				
	1F946A9	13-03-2023	12-03-2024	Kalkfontein 3	5	3 months ago				
	1F90B78	28-03-2023	27-03-2024	Kalkfontein 34	12	4 months ago				
	1F90BFB	28-03-2023	27-03-2024	Kalkfontein 46	12	2 months ago				
	1F90C8D	28-03-2023	27-03-2024	Kalkfontein 35	12	5 months ago				
	1F90C6D	17-03-2023	16-03-2024	Kalkfontein 10	12	3 months ago				

All the devices displayed on this page indicate the alarms



Messages History for 28F2BF5 (ER Demo Unit)

Installation Date : 15-06-2023

Installation Location:

BATTERY

90 %

4.12 V



TEMPERATURE

29 °C



Events

TIME	EVENT
2024-02-08 08:19:57	Fall
2024-02-08 08:17:50	Fall

MESSAGES THIS MONTH

ALLOWED : 2030
USED : 154
TOTAL UNDER : 1876

MESSAGES LAST MONTH

ALLOWED : 2170
USED : 96
TOTAL UNDER : 2075

PACKAGE

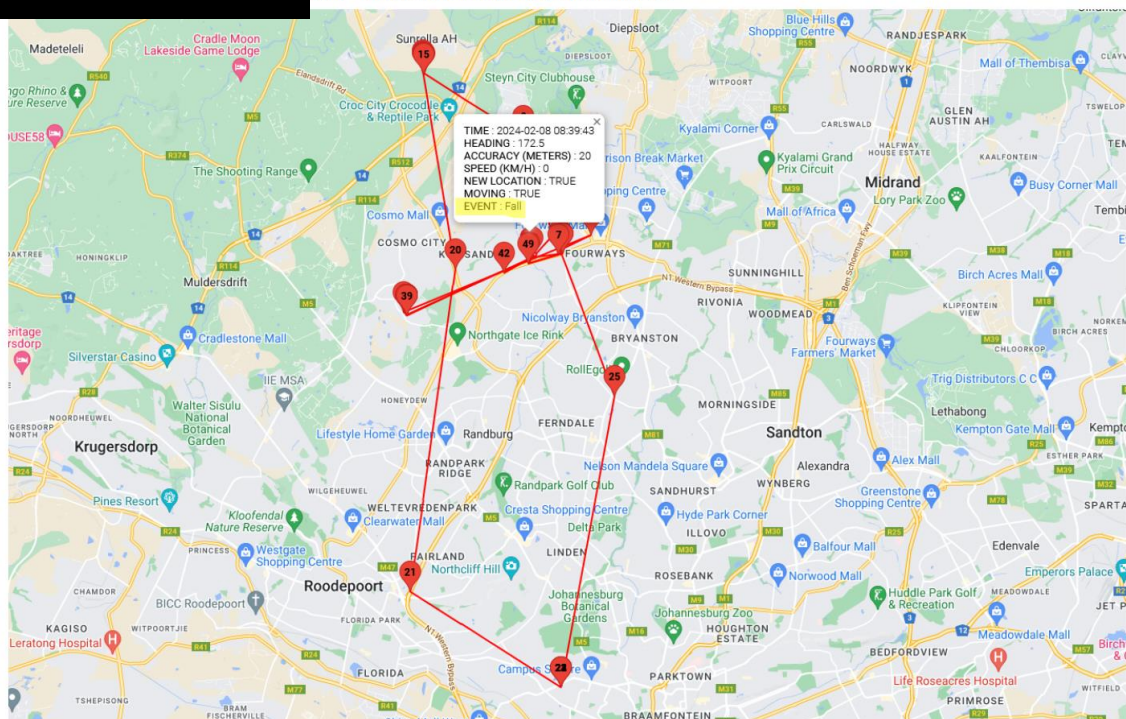
70 Uplink Messages per day
2 Downlink Messages per day

SUBSCRIPTION

Installation Date : 2023-06-15
Expiry Date : 2024-06-14
Contract Period : 12 Months
Days Left : 127

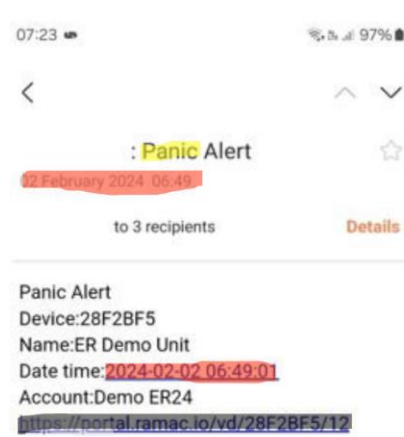
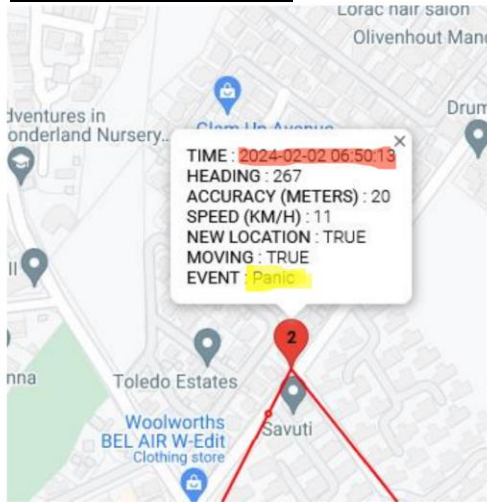


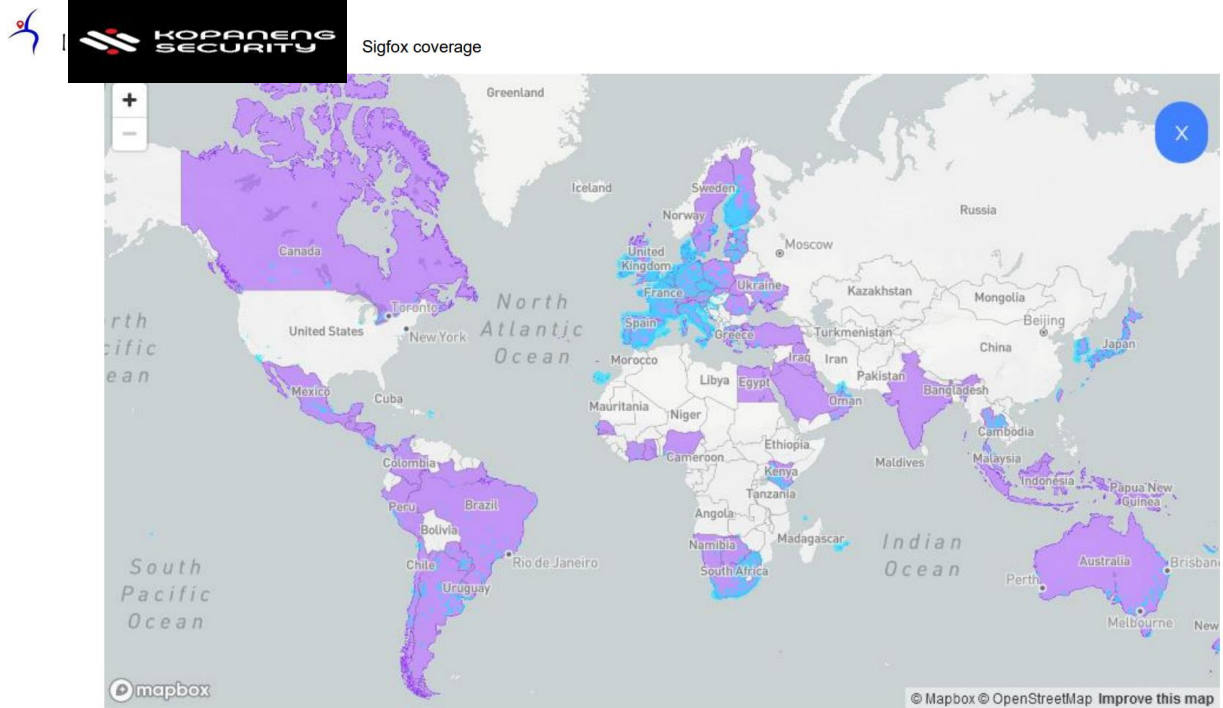
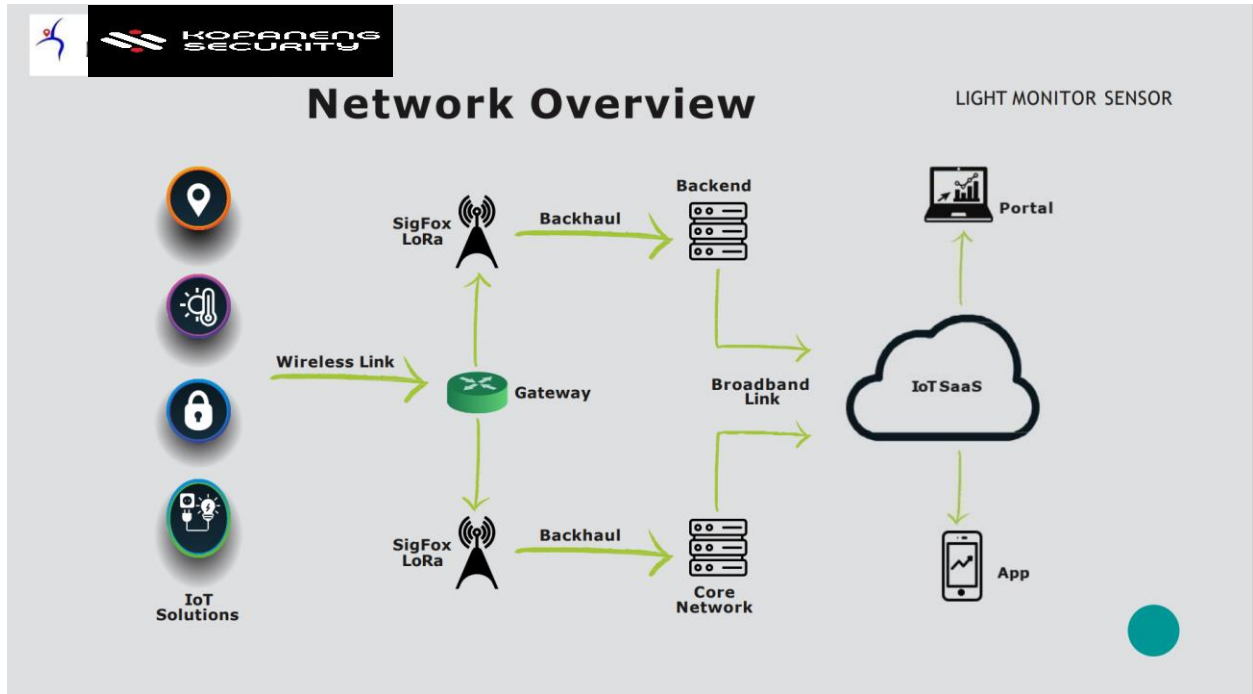
Map – Route travelled by Emergence vehicle





Example of Panic event and the Telegram message







Alerts					
Device Type	Start Date	End Date	Device ID		
All Device Types	2024-01-08	2024-02-08		Search	Export
DEVICEID	ALERT TYPE	ALERT DATE TIME	MESSAGE DATE TIME	DESCRIPTION	VIEW MAP
20F20F5	P1 Fail	2024-02-08 08:19:57	2024-02-08 08:20:01	Alert send to EMAILS : 50 Minute wait for email alert	
20F20F5	P1 Fail	2024-02-08 08:17:50	2024-02-08 08:17:54	Alert send to EMAILS : 60 Minute wait for email alert	
20F20F5	P1 Fail	2024-02-08 08:17:42	2024-02-08 08:17:45	Alert send to EMAILS : peter.vanderhorst@er24.co.za; infedsoi@gmail.com; Lucina.beaer@er24.co.za;	
20F20F5	P1 Moving	2024-02-07 10:04:11	2024-02-07 10:04:13	Alert send to EMAILS : 3 Minute wait for email alert	
20F20F5	P1 Moving	2024-02-07 09:58:33	2024-02-07 09:58:36	Alert send to EMAILS : 8 Minute wait for email alert	
20F20F5	P1 Moving	2024-02-07 09:53:02	2024-02-07 09:53:04	Alert send to EMAILS : 14 Minute wait for email alert	
20F20F5	P1 Panic	2024-02-07 09:06:53	2024-02-07 09:06:56	Alert send to EMAILS : peter.vanderhorst@er24.co.za; infedsoi@gmail.com; Lucina.beaer@er24.co.za;	

All the devices displayed on this page indicate the alarms



Data Sheet





Connectivity

- Bluetooth Low Energy
- SigFox RC21 - Class 0 and RC24 Ready
- High-precision GPS/GLONASS



Battery

- Equipped LiPo 800mAh 3.7V
- Online battery indicator
- Heartbeat sent once a day



Specifications

- SigFox Certified
- ICASA Approved
- Dimensions (LxWxH): 75 x 50 x 17 mm (25g)
- Operating Temperature: -10° C to +60° C



Cloud Computing Services

- Platform is MS AZURE hosted 3rd Party
- API 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 setting

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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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