

# UTRACK ALERT - SIGFOX PANIC BUTTON



The UTRACK Alert is a small application ready Sigfox enabled transceiver. A smart sensor perfectly suited for panic, alert and position monitoring applications. The UTRACK Alert provides connection to national and global network infrastructure for reliable and secure communications. This standalone small form factor sensor device delivers real time position, panic and alert data for many use cases and can be configured accordingly. An integrated button or automated Alert detection can be used as a trigger. The configuration of the transceiver can be done via the product or network allowing for real-time functionality flexibility. Powered through a Li-SOCL battery, it allows standard autonomy for more than 2 years. Longer support options are available.

## Highlights

- Alert detection data through Sigfox compliant radio networks perfect for Security, Medical and Position monitoring applications
- Wifi Tracking Support
- Indoor & out Tracking
- Full GPS Support
- Multiple LED device feedback
- Rugged Sealed enclosure with Integrated Button
- Fully Internal battery powered
- Long range connectivity

## Performances

SF RF power: 14dBm (25mW)  
SF RF sensitivity: up to -127dBm  
GPS Sensitivity Tracking: -158 dBm  
GPS Sensitivity Navigation: -157 dBm

## Warnings

- Battery end of life
- Over Temperature
- Fall/Crash Detection

## Firmware

SIGFOX network protocol  
Transmission cycles: 2, 50, 100 or 140 update links per day  
Data encryption: AES128 (Optional)

## WHO CAN BENEFIT

Children, Senior Citizens, Shift Workers, Emergency Service Workers  
People with Special needs etc

## GENERAL INFORMATION

Operating temperature: -20 °C / +65 °C  
Mounting Options: Can be used as a keyholder, fitted on bags, lanyards or mounted on any surface etc.  
Dimensions: 70 x 38 x 19 mm  
Weight: 40 grams  
Housing: Sealed  
Antennas: All Integrated (Internal)  
GPS LNA: On-board  
Automatic Alert: Fall or Crash detection  
Standards: ICASA, EN 300-220, EN 301-489, EN 60950; CE  
Support: The device is available for RCZ1 (Europe and Middle East)

## Software & Data management

Device data transmitted via the Sigfox cloud infra-structure to the back-end server platform for processing and reporting is provided as a standard. A custom platform with built-in device support can be provided or easily integrate the device the into your own platform.

## Peripherals

Accelerometer  
Temperature Sensor

[www.utracksa.com](http://www.utracksa.com)

