

## B1 Panic Button

Quick, simple and individual !

The B1 Panic Button are discreet devices that give the user ability to send SOS advertisement alert to gateway node or center control by simply pressing the SOS button via BLE technology, which can be widely used especially for anti-aggression alarms in hotel, hospital or school.

# What are the features of B1?



## IP65 Waterproof

Rugged structure design with IP65 waterproof to guarantee the stability.



## Dual independent button

Main center button for function trigger and side mechanical button available for power ON/OFF in parallel.



## Versatile installation

Compatible with Lanyard or double sided tape, to adjust and expand different application scenarios.



## Universal Type-C charging

Universal Type-C interface rechargeable design ensures extreme life cycle and convenient experience.



## Wide temperature range

Rugged design with PC housing material to extend wider temperature range in  $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$ .



# What are the benefits of B1?



## Data-rich alarms

Press once, press twice, or press and hold to notify different alarms or task reports, in parallel press triple to dismiss the alarms.



## Selectable silent alarm

Silent alarms bring help without escalating the gravity of a nervous situation, which is appropriate for use in an enclosed area.



## Visual/Auditory Disability - Friendly

Easy to use for vision or hearing impairment via built-in vibrating motor and buzzer.



## Abnormal static alarm

Alarm when elder or lone workers stay static for a long time, to avoid delays in rescue.

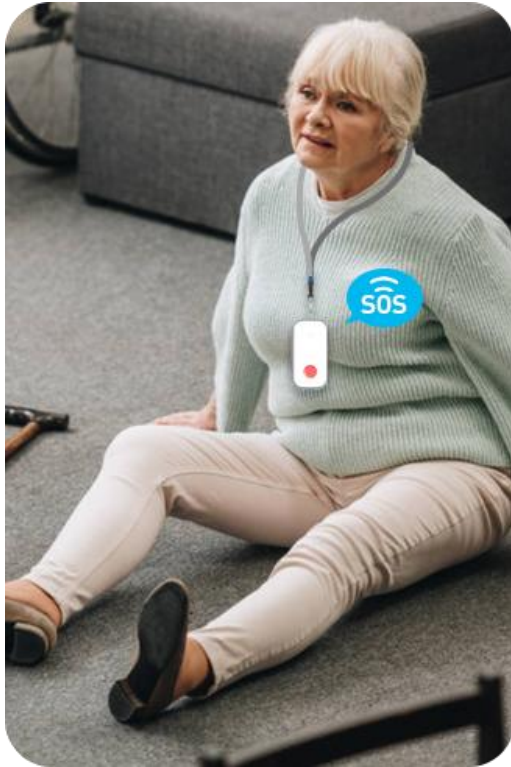


## Intelligent battery management

Sense and switch intelligently between advertising mode and sleep mode through accelerometer sensor, to reduce battery consumption.

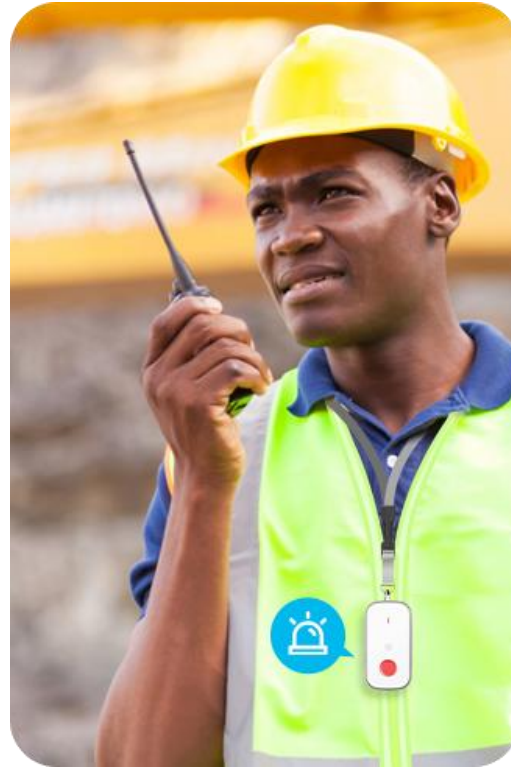


# What are the applications of B1?



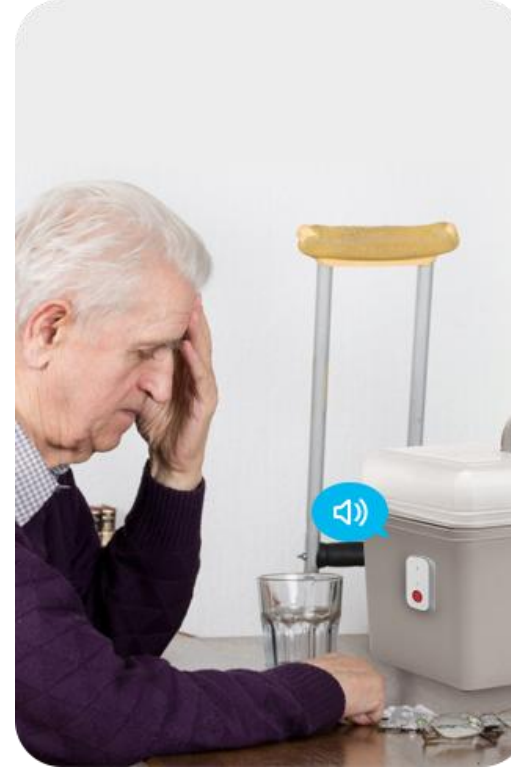
## Smart Home care

Guarantee easy access to SOS button and obvious response for elderly person or patients at home. Or stick in the wall to press for notify gas leakage, fire alarm or smart lighting and etc.



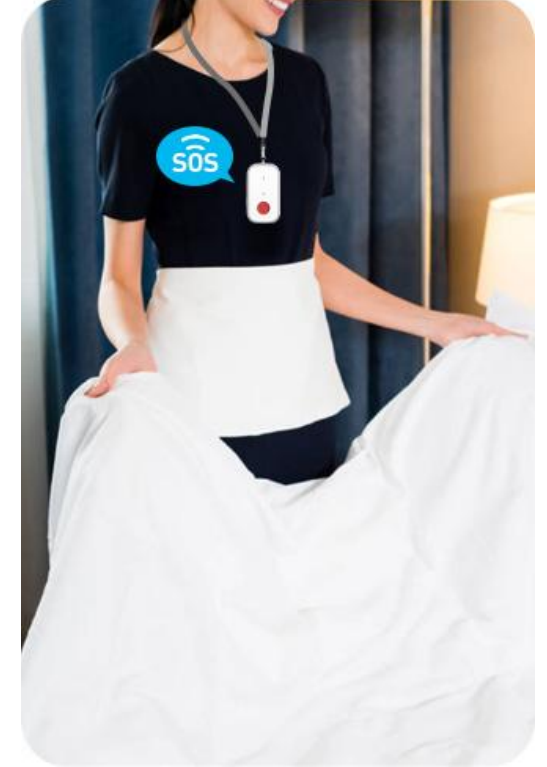
## Construction safety

Offer quick access to SOS button at hand once accident occurred and automatic alarm when workers stay static over specified time, to monitor worker efficiency and guarantee lone workers' safety.



## Treatment compliance

Deployed in the medical kit to follow at-home patients' treatment plans and enabling remote traceability of patients' adherence. Just press for compliance and in return remind patients localize elements of treatment via auditive notifications.



## Smart Hotel

Offer discreet alarm mode to bring help without escalating the gravity of a nervous situation and without rely on smart phone. Pre-defined press mode to allocate room cleaning, service request or emergency call, to expand different application scenarios.

# Multiple Installation Styles



① Double-sided tape



② Lanyard

# Main Specifications

## Dimensions

73.1mm x 40.6mm x 16.9mm

## Built-in Sensor

Accelerometer sensor  
Motor | Buzzer (85db)

## Advertising Range

Up to 150m  
(Open area without obstacles)

## LED

Red, Green, Blue

## Alarm type

Single press  
Double press  
Triple press  
Abnormal static alarm

## Chipset

Nordic nRF52 series

## Battery

Rechargeable Lithium battery  
500mAh\*

## Installation Styles

Sticker | Lanyard

## Color

White

## Certification

FCC, CE, RoHS, REACH

*Battery consumption\*: Up to 9 months in one full charged cycle with standard advertisement configurations - 0dBm Tx Power, 1000ms interval, single advertisement slot.*





# What customization services can we provide?



## PCB re-layout design

Support customers in making hardware changes to accommodate mechanical design or functional requirements.



## Firmware/APP customization

Assist customers in customizing the Firmware/APP to meet full compatibility of different end-users' requirements.



## Logo/Packaging design

Offer customized packaging solution and logo design to meet customer's uniform requirements.



## Product ID customization

We can set the Product ID according to customers' requirements to fit for different scenarios use.



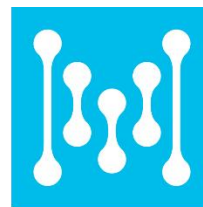
## Firmware verification

Offer professional engineer team to test and verify the functionality of customer's developed Firmware.



## Pre-configuration service

Support customers to pre-configure required parameters in Beacon during mass production.



**MOKO SMART**

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