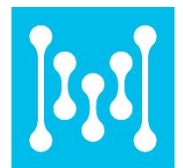ACCELERATION　　Panic Button　　Beep　　Vibration

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.

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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℃ ~ 60℃.

What are the benifits 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

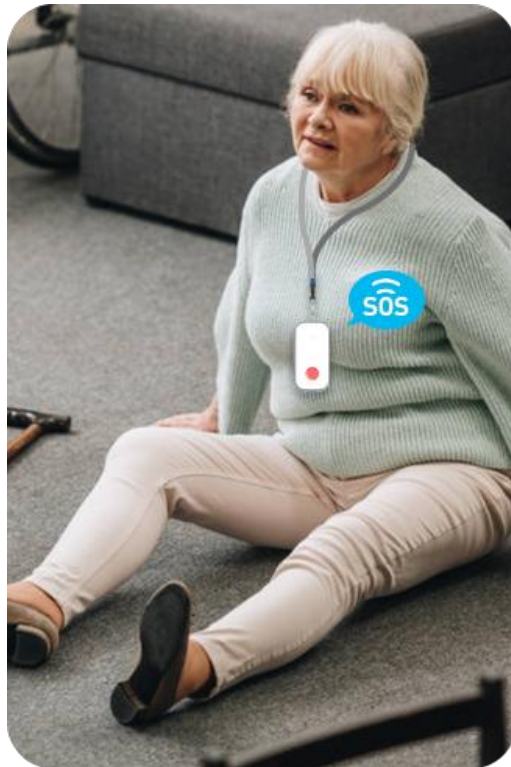Alarm when elder or lone workers stay static for a long time, to avoid delays in rescue.

Intelligent battery management

Sense and switch intelligently between advertising mode and sleep mode through accelerometer sensor, to reduce battery consumption.
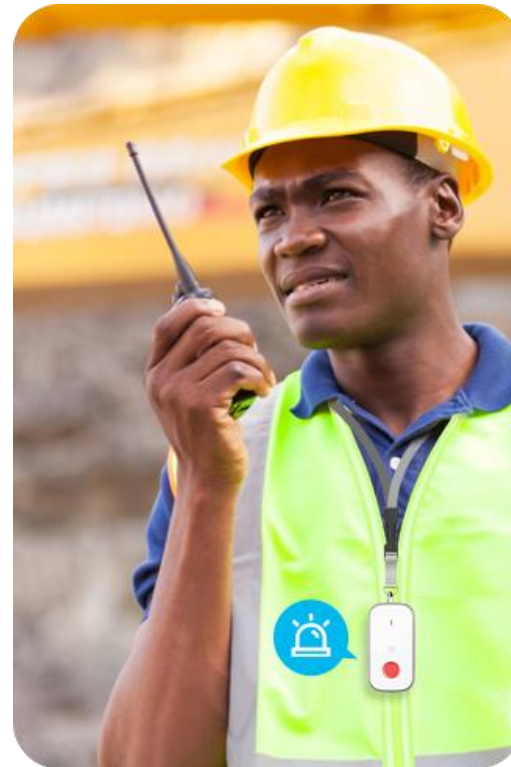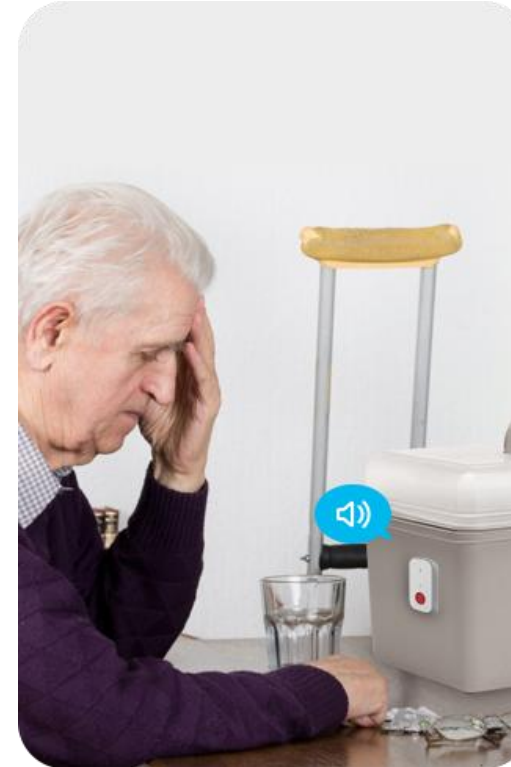
What are the applications of B1?

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.
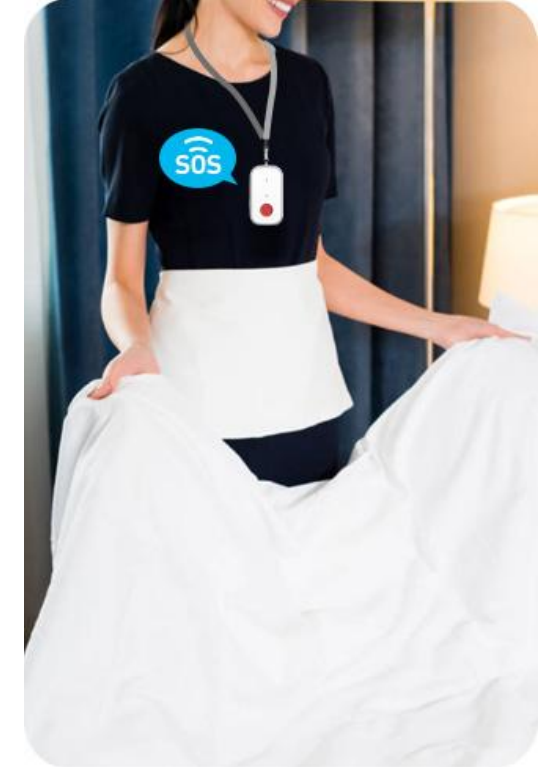
Construction safety

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. Jut 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

Chipset
Nordic nRF52 series

Built-in Sensor
Accelerometer sensor
Motor | Buzzer (85db)

Battery
Rechargeable Lithium battery
240mAh*

Advertising Range
Up to 140m
 (Open area without obstacles)

Installation Styles
Sticker | Lanyard

LED
Red, Green, Blue

Color
White

Alarm type
Single press
Double press
Triple press
Abnormal static alarm

Certification
FCC, CE, RoHS, REACH

Battery consumption*: Up to 90 days 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
Assit customers in customizing the Firmware/APP to meet full compatbility 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.
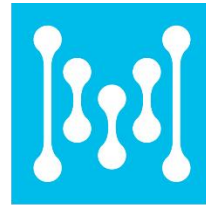
Firmware verification
Offer professional engineer team to test and verify the functionality of customer's developed Firmware.

Pre-configuration service
Support customers to pre-config required parameters in Beacon during mass production.

MOKO SMART

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