LifePod

A Personal Mobile Alarm System

Product

LifePod is a compact and lightweight Personal Safety Device that provides added security for individuals when assistance is required. When help is needed, an alarm can be triggered by pressing the dedicated SOS button for 2 seconds, which is confirmed by a voice prompt and device vibration.

Incorporating 4G mobile connectivity with SOS, fall alert and accurate location information, LifePod is suitable for use at home or when out and about. It is the ideal safety solution for seniors, persons with limited mobility or at risk of a fall, as well as remote and lone workers.

Features:

- Dedicated SOS Alarm
- Accurate location information, with 4-way location technology (GPS, Wi-Fi, Bluetooth, and LBS).
- Two-Way handsfree calling from nominated numbers
- Fall Down Alarm option
- No Motion and Motion Detection option
- IP 67 water resistance rating
- Geofences and Alerts - set multiple geofences and receive alerts as a device enters or exits a defined area
- LifePod easy charging: via its drop in charging base
- Voice and vibration status for added confirmation
- Ability to cancel a false alarm when prompted
- Wearable options, including lanyard or optional belt clip
- 24/7 care centre capable

Specifications

General Specifications:
① Dimension: 62mm*47.5mm*18mm; Weight: 54g
② Backup battery: Rechargeable, 3.7V,1000mAh
③ Charging voltage: 5V DC
④ Operating Temperature:
-20°C to +80°C for working
-30°C to +70°C for storage
⑤ Battery life: Up to 72 hours under normal environmental conditions.
⑥ Waterproof: Follow the IPX7 Standard

Hardware:
① MCU: MTK6739, Nordic NRF52840
② Sensor: motion & vibration sensor
③ Connectors: 4 Pin-Magnet for charging
④ SIM card slot: Nano SIM card; esim card
⑤ Flash memory: 1MB
⑥ Built-in microphone& speaker
⑦ WIFI: 802.11 b/g/n, 2.4G
⑧ BLE: BT5.0 LE

Supported Bands:
① Bands:
  AU/SA: LTE B1/B3/B5/B7/B28; WCDMA B1/B5
  EU: B1/B3/B7/B8/B20; WCDMA B1/B8; GSM 900/1800
  North America: B2/B4/B5/B12/B17/B13; WCDMA B2/B4/B5
② Antenna: Built-in laser curved antenna

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General Specifications:
① Dimension: 62mm*47.5mm*18mm
② Weight: 54g
③ Charging voltage: 3.7V DC
④ Operating Temperature:
   -20°C to +80°C for working
   -30°C to +70°C for storage

General Specifications:
① MCU: Nordic NRF52832
② Flash memory: 8MB
③ Built-in speaker
④ WIFI: 802.11 b/g/n, 2.4G
⑤ BLE: BT5.0 LE
⑥ Antenna: Built-in BLE,WIFI antenna

Specifications

GPS/GLNSS:
① GPS chipset: MTK6625 (AGPS support)
② Support: GPS and Glonass
③ Receiver frequency: 1575.42MHz
④ Cold start: approx 26s
   Warm start: approx 2s
   Hot start: approx 1s
⑤ Antenna: Built-in laser curved antenna

Charging Base Features

- Charging to LifePod
- Built-in Bluetooth 5.0 to connect with LifePod
- Indoor positioning via Bluetooth
- 1 SOS button
- LED illuminated display
- Built-in WiFi to connect with LifePod

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Specifications

Technical

Dimensions:
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Weight::
53g

4 Locating technologies::
GPS, BLE, WIFI, LBS

Battery::
Rechargeable, 3.7V, 1000mAh (Li-Polymer)

Battery life::
Up to 72 hours under normal environmental conditions

Waterproof::
IP67

Flash Memory::
Built in 1MB memory