



MERCARI

MINI SIZE 4G

PERSONAL SAFETY ALARM

The safety device is a small size mobile alarm system. It is designed for monitoring people and property. In case of emergency, the person can activate it by pressing a SOS button on the unit and the two-way voice communication function allows you to talk with the user. It has a range of functionality including fall detection – Man Down, GPS tracking and SOS alarm – enabling the user to quickly signal for help, while allowing responders to send support directly to their location.



red dot design award winner 2015

Features

Two-way calling.

Mini sized, Waterproof IP67.

Simple SOS alarm button activation.

Simple & easy to use, low cost device that can contact up to 10 different people in an emergency (including Emergency Services)

No Monitoring Fees.



- Voice prompt when alarm triggered to reduce false alarms.
- 4 locating technologies: GPS,WIFI,BLE,LBS.
- Program the device to call emergency services directly
- FOTA (Firmware upgrade over the air)
- Fall down alarm
- Geo safe zone alarm, no motion alarm, etc.

- U-blox GPS technology.
- Charge with magnetic cable (included).

Supplied by
Mercari Technologies Ltd

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🌐 <https://loneworkeralarms.co.nz>

CE FC RoHS PTCRB



General specification

- Dimension: 61mm*44mm*16mm;
- Weight: 40g
- Backup battery: Rechargeable, 3.7V, 800mAh (Li-Polymer)
- Charging voltage: 5V DC
- Operating Temperature:
 - 20°C to +60°C for working
 - 20°C to +60°C for storage
- Battery life: 48 to 72 hours under normal environmental conditions
- Waterproof: Follow the IP67 Standard

Cellular 4G specifications

- AU: B1/B3/B5//B7/B8/B28 (One.nz)
- EU: B1/B3/B7/B8/B20 (EE, VODAFONE)
- North America: FDD B2/B4/B12 (AT&T Certified device. Canada -Rogers)
- Antenna: Built-in FPC antenna

Hardware specifications

- MCU: Nordic NRF52840
- Sensor: ST.LIS2DW12
- Connectors: 4 Pin-Magnet for charging
- SIMcard slot: Nano SIM card ; SIM Chip
- Flash memory: 16M
- Built-in microphone & speaker
- WIFI: 802.11 b/g/n, 2.4G
- BLE: BT5.0 LE

GPS Specifications

- GPS chipset: AT6558
- Support: GPS and Glonass
- Receiver frequency: 575.42/1602MHz
- Cold start: ≤32s
- Warm start: ≤1s
- Hot start: ≤1s
- Antenna: Built-in ceramic antenna

Perfect For Tracking



• Elderly



• Lone workers



• Children

• Travelers

• Patients

• Employees

• Teens