

# 4G Personal Safety Watch

EV-05 stylish wristwatch is designed for elderly, dementia and lone workers, in the guise of a watch is actually a mobile phone with 4G connectivity, able to send the wearer's GPS location to specific contacts in the event of an emergency.



EV-05



## Features:



### **SOS** 4G LTE Connectivity

Support various 4G bands, it will fall back to 3G/2G when there is no 4G coverage.

### **SOS** SOS Button

Push the SOS button, It sends SOS alarm in real-time with the complete location details of the device if a person is in danger.

### **SOS** Heart Rate Monitoring

The SOS Smartwatch is equipped with professional heart rate sensor with accurate data. It measures wearer's heart rate and sends notifications to caregivers if abnormal values are detected.

### **SOS** Bluetooth connectivity

Connect to your charging base for indoor locating.

### **SOS** Step Counter

Tracks daily movement to encourage health and vitality.

### **SOS** Voice Prompts

Let you know the time and the status of your device, Ex: your alarm has been activated. Calling contact number 1. Now time 11:45.

### **SOS** Fall Down Alarm

Be notified if a potential fall or collision has taken place. Fast alerts allow you to react promptly.

### **SOS** Set up Geofences & Alerts

Set multiple Geofences and receive alerts as a device enters or exits a particular area.

### **SOS** 4 Locating Technologies

Real time tracking, up to 4 location technology: GPS, WIFI, Bluetooth and LBS.

### **SOS** Reminder Alerts

Send reminders for medications, drinking or sedentary etc.

### **SOS** Waterproof IPX8

Wear in the shower- Fall in the shower- Get immediate assistance.

### **SOS** Two-way Calling

The SOS Smartwatch has both a built-in speaker and a built-in microphone so the user can have 2-way communication with your loved ones or a emergency monitor center.



## General Specifications:

- Dimension: 47.5mm\*16.9mm; Weight: 65g
- Screen: AMOLED
- Backup battery: Rechargeable, 3.7V, 580mAh
- Charging voltage: 5V DC
- Operating Temperature:
  - 20°C to +80°C for working
  - 30°C to +70°C for storage
- Battery life: Up to 48 hours under normal use
- Waterproof: Follow the IPX8 Standard

## Hardware specifications:

- MCU: MTK6739, Nordic NRF52832
- Sensor: heart rate, motion & vibration sensor
- Connectors: 4 Pin-Magnet for charging
- SIM card slot: Nano SIM card; esim card
- Flash memory: 1G DRAM+8G DROM
- Built-in microphone & speaker
- WIFI: 802.11 b/g/n, 2.4G
- BLE: BT4.1

## GPS/GLNSS:

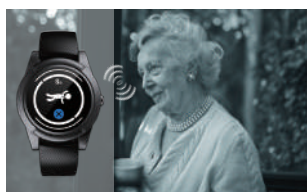
- GPS chipset: MT6625L
- Support: GPS, Glonass and Beidou
- Receiver frequency: 1575.42MHz
- Cold start: approx 26s
  - Warm start: approx 2s
  - Hot start: approx 1s
- Antenna: Built-in laser curved antenna

## 4G LTE:

### Supported Bands:

- 4G Bands:
  - AU/SA: B1/B3/B5/B7/B28
  - EU: B1/B3/B7/B8/B20
  - North America: B2/B4/B5/B12/B17
- Antenna: Built-in laser curved antenna

## Perfect For



• Elderly



• Patients



• Lone workers



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