

Smart Health and Living

RPM 100

The mPERS(mobile Personal Emergency Response System) enables immediate aids and services that could help the elderly and weak in emergency situations anytime and anywhere. All user can be guaranteed a healthy, safe and relaxed life. The RPM100 device automatically detects emergencies and connect to help center or 911 and notify the alert for the caregiver of the situation. It could send a situational photo to the call center to manage and help the elderly and the weak right time. Besides, it enables on time medication services and others. All this service and aids are operated on the RmMS(RANiX mPERS management system) platform, on which the customized device configurations and right time services are implemented for the 911 operation call center.



Urgent Response

When users need help, they simply press the SOS button anytime, anywhere. The call is then placed into the call center and the user can speak to an agent. The agent will know your location in real time and provide appropriate assistance. And if necessary, it will connect you to 911.



Geo-fencing

If the user must not deviate from the designated activity range, it is designated in advance on the map. If the user leaves the set area, the call center and guardian are notified. They could know where the user is by looking at the location information that comes with the notification.



Fall Detection

If you slip and fall in the bathroom or on the stairs, or if you suddenly fall due to dizziness, the device detects this and calls the call center automatically. The agent knows that a fall has been detected and will call 911 if necessary.



Family Link

In the event of an emergency for the user, the registered guardian (family, friend, etc.) is notified immediately. Guardians can understand the user's situation in real time. They can also see the status of the device. To use this function, the Mobile APP must be pre-installed on their smartphone.



Sending photo

In the event of an emergency for the user, it takes a picture of the surroundings and sends the image to the call center. Call centers analyze the location and images to understand what's going on around them and provide appropriate assistance.



Med Coach

The medication guidance and refill notifying service helps users not to forget to take their medication and refill your medication.



Urgent Care

When users need professional medical advice, they can make a phone consultation with a registered doctor or nurse.



Waterproof

It is designed to support water and dust proof that meets IP68 rating, so that users can wear it even when taking a shower.

mPERS Device(RPM 100)

LTE

- RPM 100
 - LTE Cat.M1 for US
 - Downlink/Uplink 375/375Kbps
 - Band 2/4/12
- RPM 101
 - LTE Cat.1 for US
 - Downlink/Uplink 10/5Mbps
 - Band 2/4/12
- RPM 110
 - LTE Cat.1 for EU
 - Downlink/Uplink 10/5Mbps
 - Band 1/3/7/20

Wi-Fi & Bluetooth

- Wi-Fi
 - 802.11 b/g/n
 - Rx only
- Bluetooth
 - BT 5.1, 2.4GHz
 - Data rate : 2Mbps, 1Mbps, 500kbps, 125kbps
 - Support long range mode
 - Beacon & Scanner

Voice Capability

- VoLTE
- Voice guide

Features

- Two-way speakerphone
- Camera
- Buttons(Power / SOS / Camera)
- LEDs(Service & Charging indication)
- Fall detection
- Wi-Fi based Indoor positioning
- FOTA : Firmware update automatically



Dimension & Weight

- 61 x 43 x 18mm (exclude lanyard hook)
- Weight 50g

Environmental

- IP68

Temperature

- Operating temperature : -20~+60 °C
- Storage temperature : -30~+80 °C

RmMS(RANiX mPERS Monitoring System)

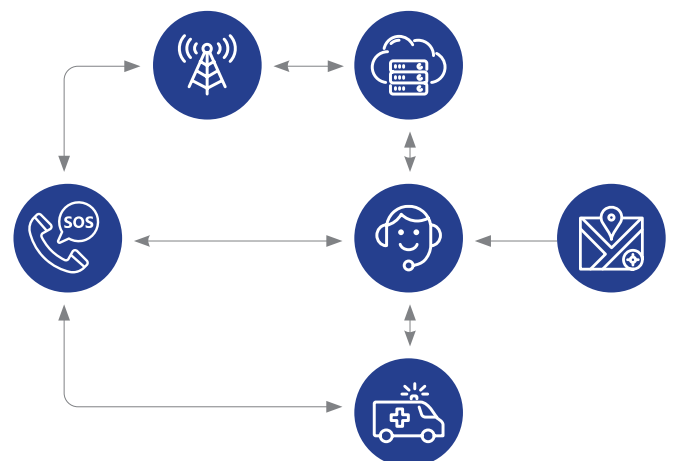
RmMS

- Operation status
- Customer management
 - Registration
 - Usage statistics
- Operator management
 - Registration via email verification
 - Handling status
 - Statistics
- Location on map
- Event history
- Geo-fence
- Billing

Mobile APP

- Android & iOS
- For guardian use
- Check user location and status
- Check device status

Service Configuration



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