

Comarch WristBand

A mobile caregiver always at hand

Comarch WristBand together with the telecare service is a perfect solution for the elderly, chronically ill people or people with disabilities.

The band consists of a flexible silicone strap and an electronics module enclosed in a waterproof housing providing IP67 protection. The device allows the wearer to contact paramedics and call for help in life-threatening or health-threatening situations, make voice calls to an assigned phone number, and perform approximate heart rate measurements. Comarch WristBand has been designed for the elderly and people with disabilities. It has a simple interface, large buttons and the function of reading messages aloud (for example, low battery notification or current time). The SOS button is additionally marked with Braille.



SOS button



Medication notification



Sensor of wearing the device



Voice calls



Vibration



Fall sensor



Heart rate monitor



AGPS/BTS/WiFi location



Pedometer



Watch



Sequence calls

Operating the WristBand

The user of the WristBand is under the round-the-clock care of the Remote Medical Care Center, where qualified medical staff watch over them. In the event of a heart rate disorder or upon receiving an alert via the device's SOS button, paramedics contact the patient and, if necessary, call an ambulance. Relatives of the user who use the Comarch Life Band mobile application still have insight into the parameters measured by the device.



1
The elderly person feels unwell and presses the SOS button



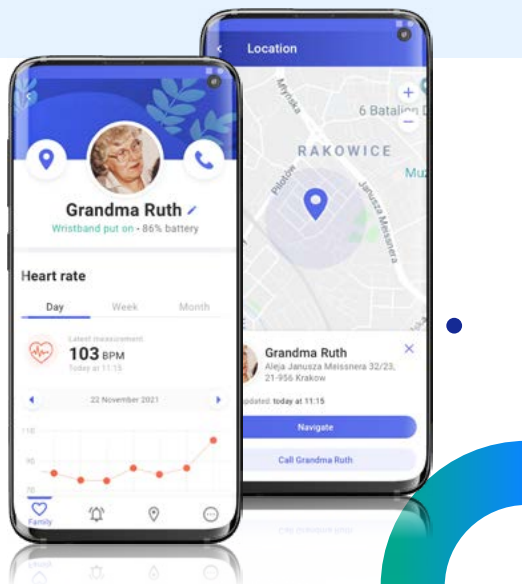
2
A paramedic receives the alert and contacts the elderly person



3
An ambulance is sent to the elderly person



4
Appropriate assistance is provided to the elderly person



Free Comarch CareMate mobile application

The wristband can be integrated with a mobile application running on Android and iOS. This allows convenient access to data collected by the Life Band – number of steps, illustrative heart rate, fall sensor, location, wear sensor. Thanks to the mobile application, the user's relatives remain in constant contact with them.

Technical Specifications:

SIM card type	Nano SIM
GSM	2G, 900/1800 MHz
Connection mode	Two-way voice call
Battery	Lithium polymer, 400 mAh
Positioning	GPS+APGS, WiFi, BLE
Sensors	Sensor for device being worn, heart rate monitor, accelerometer
Microphone/speaker	Built-in microphone and speaker
Wristband material	Silicone
Loading	DC 5V charger
Security level	IP67
Average charging time	Approx. 3h / Approx. 4h
Average battery life	Up to 48h
Average data usage	100 MB/month
Packaging dimension	120 x 90 x 72 mm

Certification:
CE, RoHS, IP67, 2014/53/EU (RED)

Environment for use:

- Ambient temperature: -20 to 40°C
- Relative humidity: <80%
- Pressure range: 860-1060 hPa