



e - WG100

The 4G communicating watch dedicated to your safety!

Teleworking
Logistics
Field Based
Maintenance
Retail
Utilities

Ideal for responding quickly and simply to a safety problem.
Equip your employees with an ergonomic device incorporating the Emerit© alert application Emerit© designed for professionals exposed to risky situations: isolation - lone worker protection, teleworking, dangerous areas (injury, discomfort, fall), verbal or physical aggression.

MICROPHONE
for audio communication

TRANSMISSION OF ALARMS
GSM : 2G | 3G | 4G
Wifi : 2.4 GHz

**EMERIT©
ALARM SOLUTION**
native software

AUDIO COMMUNICATION
Via GSM or Wifi (VoIP)

**SOS ALERT
BUTTON**

**EASY
CHARGING**

**SIM CARD
SLOT**

LOUDSPEAKER
Large

IP65 PROTECTION
standard CE

LOCATION
GPS
Wifi
Bluetooth



> Transmission of alarms

VIA GSM NETWORK with SIM card

2G | 3G | 4G VOICE & DATA All operators

- Calls
- SMS
- SIA DC-09 Protocol

VIA WIFI NETWORK without SIM card

WIFI 2.4 GHz VOICE & DATA 802.11n / Voice over IP with SIP account

- Calls
- SIP messages / SMS
- SIA DC-09 protocol

> Location of alarms



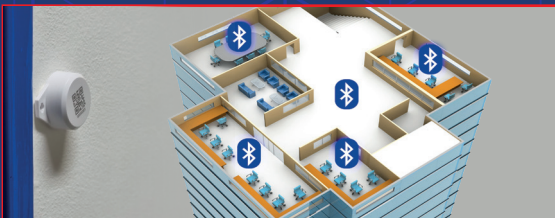
OUTDOORS BY SATELLITE

GSM Network needed to transmit the alarm containing GPS position



INDOORS VIA WIFI

Via the existing network on site
GSM or Wifi network required to transmit
alarms containing indoor location



INDOORS VIA BLUETOOTH

With the implementation of Bluetooth beacons
GSM or Wifi network required to transmit
alarms containing indoor location

> Bluetooth beacon

THE CONFIGURATION OF YOUR PREMISES REQUIRES A CUSTOMISED INTERIOR LOCATION ?

Thanks to the Bluetooth beacons, take advantage of a detailed and customizable indoor location according to the configuration of the site to be covered (floors, areas, corridors, etc.).
They are designed to communicate with all the alarm devices of the EMERIT© range.



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> Key alarm Features

4 WAYS TO TRIGGER ALARMS

- SOS Alert Button
- No motion detection
- Tilt detection
- Fast wrist movements

3 TYPES OF ALARM SCENARIO

- Internal: Call and SMS
- Out-source : calls & protocole IP SIA DC-09 (1)
- Supervised: dedicated supervisory protocole IP SIA DC-09 (1)

3 LOCATION MODES

- Satellites : out-door ⁽²⁾
- Wifi : indoor ⁽³⁾
- Bluetooth : indoor ⁽³⁾

ADVANCED FEATURES

- Unlimited number of alert recipients on call and SMS
- Advanced setting of trigger modes (button-pressing mode, detection sensitivity, notification type and timeouts)
- Auto-test of the system at the start ⁽³⁾
- Programmed by using web browser



Belt clip Smart-fix system



Arm-band Smart fix system



Neck Smart-fix system



Carabiner Smart-fix system

> Technical specification

RADIO SET UP

GSM (2G)	900 / 1800 MHz
WCDMA (3G)	2100 (B1) / 900 (B8) MHz
FDD-LTE (4G)	B1 / B3 / B7 / B8 / B20
Wifi	802.11n (Wifi 4)
Bluetooth	3.0
satellite Localisation	GPS & Glonass
A-GPS	Yes

MEMORY

RAM	512 Mo
ROM	4 Go

SIM CARD

1 slot	NanoSim
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OTHER FEATURES

Processor	Arm Cortex-A53 1.1 GHz
Battery	650 mAh lithium-ion polymer
Screen	1" TFT couleur
Connectivity	USB / magnetic 4-pin
Operating System	Android Oreo 8.1
Weight	53 g including wristbands & battery
Dimensions	58 x 42 x 16 mm
Dust water/tightness	IP65 ⁽⁴⁾ / standard CE
Vibrator	Yes
Micro and Loudspeaker	Yes

Specific absorption rate

Head	0.21 W/Kg	(limite 2 W/Kg)
Trunk	0.91 W/Kg	(limite 2 W/Kg)
Wrist	0.86 W/Kg	(limite 4 W/Kg)

BOX CONTENT :

- Watch
- Black silicone bracelet
- Screwdriver
- Charge station
- USB charger
- Quick start guide

OTHER ACCESSORIES AVAILABLE:

- Smartfix system belt clip
- Black nylon bracelet
- Smart fix system for neck
- Bluetooth beacons for indoor location
- Smartfix system Arm-band
- Smartfix system carabiner

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(1) Requires the underwriting of a specific service contract.

(2) GPS : Depending on the positioning of the device in a vehicle and/or on the user, weather conditions and urban density, the position may not be updated at the time of the alert or imprecise from several hundred meters.

(3) Wifi : precision dependent on the customer's Wi-Fi infrastructure.

Bluetooth : accuracy depending on the amount of tags implanted and their positioning.

(4) According to IEC 60529: fully protected against dust / protected against water jets from all directions at the lance

(6.3 mm nozzle, distance 2.5 to 3 m, flow rate 12.5 l / min ± 5%). Splash, water and dust resistance is not a permanent condition.

It may decrease due to normal wear and tear and depending on the maintenance of the device. Damage caused by liquids is not covered by the warranty.

