SmartLink Guardian 4G

What is it?

The SmartLink Guardian 4G personal alarm has been designed to provide both clients and facility operators with the freedom and peace of mind in that, should they need assistance or help, it is available to them 24 hours a day with the simple press of a button.
The alarm is designed to operate seamlessly over the 4G cellular network.

Who is it for?

Designed for anyone who needs an extra level of support to maintain independence at home, the SmartLink Guardian 4G gives reassurance that 24/7 support is on hand at the touch of a button. It offers confidence to older people living alone, individuals recuperating after a hospital stay and anybody with reduced mobility or long term health conditions as well as just peace of mind and security for independent living or retirement villages.

How does it work?

The modern slim line design of the SmartLink Guardian 4G allows it to be installed unobtrusively anywhere and is ready when clients need help. Help can be summoned by pressing a button on your personal pendant, which you can wear both inside your home and in the garden, ready for any emergency, giving you the freedom you enjoy with total control at all times.

The SmartLink Guardian 4G has been built to the highest of technical standards for the protection of people and property and is fully designed, developed and manufactured in Australia to Australian and International quality standards.

The SmartLink Guardian 4G can be supplied with a myriad of additional fixed or portable pendants and devices which can be worn or placed around the home as needed.

Accessories

The alarm comes with a waterproof (IP67) pendant (106-183) as standard, available to wear on either the wrist or around the neck. Additional compatible accessories are also available, including:

SmartFall - Blue (106-383)

Automatic fall detection as well as pendant call activation with inbuilt audible two way warning technology and cancel function. Also has blue tooth incorporated. Simple battery change compartment. Water proof (IP67) Two-way TWR spread spectrum technology.

Vibrating pendant (106-223)

New enhanced two way vibrating tactile feedback technology pendant for sight impaired and or just general ease and peace of mind that signal has been sent to main unit and received back to pendant for verification. Water proof (IP67) Two-way TWR spread spectrum technology

Wall-mount pendant (106-186)

Two way light feedback on pendant that signal has been sent to unit & again received back at pendant for verification. Up to 300 meters range. Ultrasonically sealed Water proof (IP67). Two-way TWR spread spectrum technology

Passive infrared (PIR) sensor (100-835)

Dual use infrared wireless detector for inactivity and or security, the PIR has an inbuilt night light that glows in the dark when it detects movement to allow vision in emergencies and or just convenience when getting out of bed. Two-way TWR spread spectrum technology

Blow switch (106-254)

Wireless Blow Switch is a complete Radio transmitting device. It also has a 3.5mm connection jack for any optional external Normally Open (NO) alarm devices to trigger unit from other third party alarms if required. An integrated beeper and flashing LED light also acts as reassurance for the client during an emergency situation. Two-way TWR spread spectrum technology

RK5 TWR 5 Button Radio Key (106-110)

This two way Radio security key fob is a versatile and compact fully waterproof key ring device for your optional security protection if required. Has 5 separate functioning buttons for ease of operation (Arm, Disarm, home mode, Panic, possible garage door opener. Dual colour LED display for acknowledgment, low battery, armed and alarm state and low battery reporting to main unit. Water proof (IP67) Two-way TWR spread spectrum technology

Wireless Satellite Siren

The wireless Satellite siren with rechargeable battery back-up can be used as an extra indoor siren for security additions or drive optional external sirens & strobes connected outdoors for cluster retirement Village ambulance visual unit ID's or just added alarm security feature for peace of mind .

The SmartLink Guardian 4G package includes:

- The SmartLink Guardian 4G unit complete

- 2 Way Spread spectrum waterproof pendant (Wrist or neck chain included)

- 9VDC 300mA Regulated Plug Pack and rechargeable battery backup

- User Manual

- Cellular antenna

- Telstra 4G SIM

- **NB: This product includes locked to product Telstra SIM card technology for seamless connection and convenience and cannot be separated. Once commissioned it will incur a monthly fee of $2.99 per month plus GST for ongoing maintenance and service upkeep with no additional usage costs to users while SIM is used within the unit**

Accessory Specifications

Fall detector (106-383)

Dimensions:
L50 x W30 x D10 mm

Radio frequency:
915-928 MHz (Australian & New Zealand)

IP Rating:
IP67

Vibrating pendant (106-223)

Dimensions:
L35 x W40 x D10 mm

Radio frequency:
915-928 MHz (Australian & New Zealand)

IP Rating:
IP67

Wall-mount pendant (106-186)

Dimensions:
L50 x W80 x D8 mm

Radio frequency:
915-928 MHz (Australian & New Zealand)

IP Rating:
IP67

Passive infrared sensor (100-835)

Dimensions:
L112 x W72 x D48 mm

Radio frequency:
915-928 MHz (Australian & New Zealand)

Blow switch (106-254)

Dimensions:
L70 x W75 x D20 mm

Radio frequency:
915-928 MHz (Australian & New Zealand)

RK5 TWR 5 Button Radio Key (106-110)

Dimensions:
L60 x W35 x D14 mm

Radio frequency:
915-928 MHz (Australian & New Zealand)

IP Rating:
IP67

Satellite Radio Siren

Dimensions:
L141 x W114 x D45 mm

Radio frequency:
915-928 MHz (Australian & New Zealand)

Product features

GSM module - Telstra approved 4G VoLTE cellular Module

Hardwired inputs/outputs - for connection to other 3rd party devices if required

Will support LTE as well as 4G Voice (VoLTE) & Data.

Ports - power, RS232, external antenna socket

Extra features: Full security alarm with home & away functions if selected. Time annunciation on button press for convenience, Wireless sirens, reed switches and PIR's with inbuilt night light now available (Auto select security with inactivity using a key fob).

Safety features

Backup battery – 40 hours plus, providing continuity of service during a power outage

915MHz - 928MHz spread spectrum alarm frequencies compatible with SmartLink's full range of sensors

Programming and installation features

Programming - Over internet data network as well as SMS, Android App & Computer direct connect

Software & Firmware upgrades - over the Air remotely (Auto or manually) or direct connect

Specifications

Product No. 106-324

Technical

Dimensions:
L210 x W130 x D35 mm

Weight:
590gms (including battery)

Mains power:
9V DC 300mA with integral earth (Part No. 840-050)

Stand-by battery:
4.8V 1600mAh Rechargeable Ni-MH (Part No. 142-031)

Radio frequency:
915-928 MHz (Australian & New Zealand)

Radio trigger range:
Up to 300 metres open air
(Subject to environmental conditions)

Standards

ISO9001/2000
International Quality manufacturing Standards

AS4607
Personal Response Systems

AS2201.4 (C2)
Intruder Alarm Systems - Wireless

AS4268.2012
Radio Equipment & Antenna Systems – Short Range devices