

# LifeGuard SmartHome LGX

Advanced Smart Telecare Solution that incorporates Zigbee, Bluetooth,\* WiFi and Ethernet, and can be optioned with DECT\* connectivity to use our 2-way talking call points.





- Emergency Nurse Response
- Home Automation
- Home Security Monitoring
- Voice Activation (requires VR Call Point)
- Location Tracking (requires LifeGuard SmartMobile app and Mia BT4 transmitter)
- ... and more!

**Help Me**

The newest addition to our SmartHome Ecosystem is the **LifeGuard SmartHome LGX**. This sleek new design incorporates many of the features of our next generation SmartHome IPD in a compact, simple to use system.

The SmartHome LGX has advanced telecare features, making it an all-in-one wellness and personal safety solution that helps people live safely and independently.

## Emergency Nurse Response

First and foremost, it's a premiere medical alarm system with emergency response by healthcare professionals. Our Emergency Response Centre is staffed by highly qualified and experienced nurses and other healthcare professionals whose qualifications and clinical knowledge are far greater than the 'first aid attendants' commonly used in the industry.

The fact that alarms are handled by qualified nurses is unique to INS LifeGuard and we feel it's an important distinction. It means we can triage the call so emergency personnel can be engaged quickly, if required, and our nurses can not only share personal details, but also medical information that could save a life.

\* May require optional modules

## Works with our VR Call Point

Featuring Voice Recognition, this call point provides two ways to trigger the LGX. Simply call for help or press the button. In critical situations, users may not be able to reach the call point, so voice activation may be crucial.



## Works with our new Mia BT4

The LifeGuard Mia BT4 is a dual RF and Bluetooth transmitter that works with both the LGX and our LifeGuard SmartMobile app. This means when an emergency arises, one simple button lets you summon help whether you're inside or outside of the home.

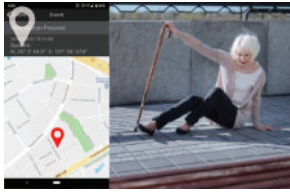


Those using the LifeGuard SmartMobile app can trigger an alarm without touching their phone (within Bluetooth range). The Mia BT4 can send an alarm and GPS location to our Emergency Response Centre immediately.



**Emergency Response by Healthcare Professionals**

## Location Tracking



The SmartHome LGX can be paired with our Mia BT4 pendant, a small wearable panic button that partners with our LifeGuard

SmartMobile app for GPS location reporting and triggering alarms with just one button, whether you're at home or out and about.

## Home Security Monitoring



Can be used to monitor smoke detectors as well as infra-red security beams (PIRs), which provides home

security by monitoring movement in and around your home.

With our optional Home Security Service, these security beams can trigger alarms to our Emergency Response Centre where a nurse will take action and even summon the police, if required.

With your permission, alarms can also be sent to family and carers who are using our free LifeGuard SmartCarer app.

## Safety & Inactivity Monitoring



The SmartHome LGX can support wireless sensor devices, allowing users to add in smoke detectors, water leakage sensors,

and gas sensors to monitor emergencies; and motion sensors, door contacts, sensor pad transmitters for inactivity monitoring, to build a healthier, safer independent living.

## Evacuation Alerts and Drills



The SmartHome LGX lets you conduct evacuation alerts and drills which play audio messages over the device. You can also

send other messages and notifications which will be read aloud to the user over the LGX.

## DECT



With the optional DECT, the SmartHome LGX can pair with voice extenders, talking pendants, call points, etc. that are

placed around the home to create a safety net and added peace-of-mind.

## Wi-Fi Enabled



The SmartHome LGX can be connected to a Wi-Fi router, either as a back-up or alternative to any SIM connection for alarm

delivery.†

## Smart Home Automation



Optional ZigBee, Z-Wave or Bluetooth automation devices incorporated into the SmartHome LGX create a smarter and

safer home, by automatically turning lights on at night to decrease the chance of a fall, or automatically turn on the heater if there's a sudden temperature drop.

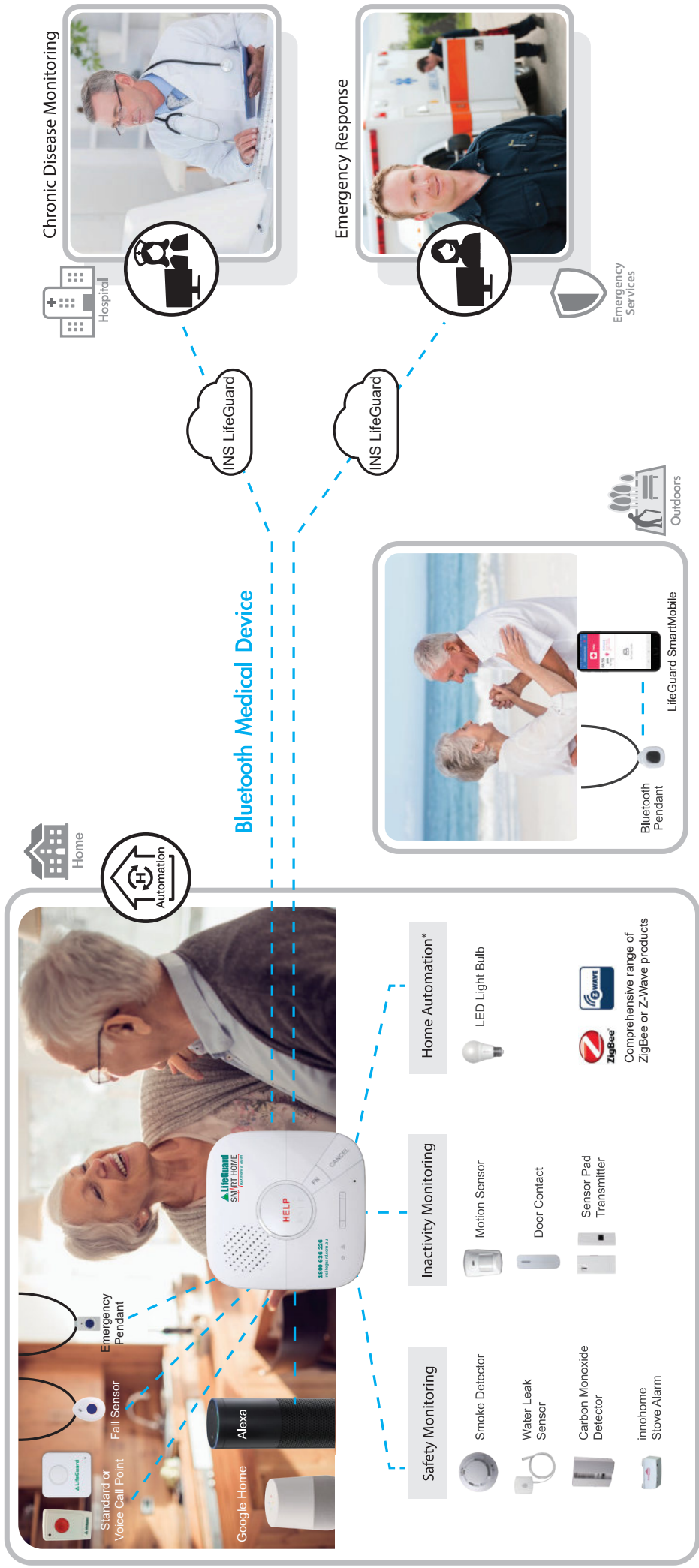
## Battery and System Status

The battery level and the cellular signal strength are indicated through the white bar on the top cover. In addition, the current status of the system, for example, if it's in learning or alarm reporting mode, is indicated by the LED backlight of the large HELP button. Users can easily identify the system status at any time for added peace of mind.



† Call-back over GSM or client's phone.

# Seamless Connection to the SmartHome Ecosystem

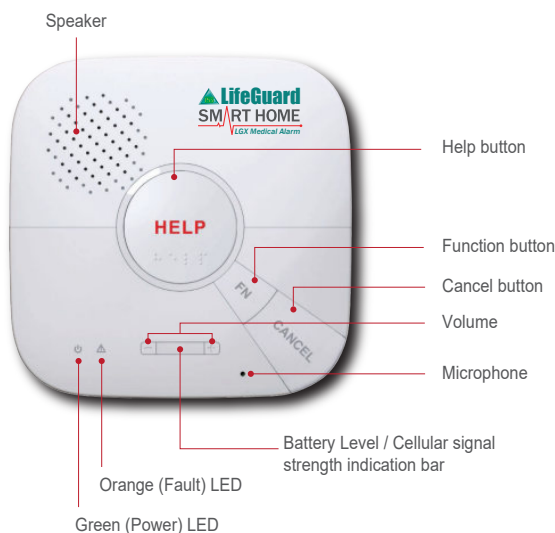


\* requires optional module



## Features & Benefits

- Communication Path Options: IP (Ethernet), LTE\*, 4G, Wi-Fi
- Built-in Module: RF, DECT (optional)
- Protocol Module: ZigBee, Bluetooth (optional)
- Wi-Fi capability
- Support external antenna
- Compatible with Bluetooth (BLE) medical devices (with optional module)
- Supports Pivotell® 'Advance' Pill Dispenser Integration†
- ZigBee compatible home automation features
- 24/7 Environment Safety Monitoring
- Energy Management capabilities
- Notifications, Emergency Evacuations and other messages can be sent to the LGX
- Voice Prompt feature alerts the user upon designated events and status
- Multi-colour of HELP button backlight to indicate the current status of the system
- Automatic check-in reports
- Remote firmware update capabilities



\* LTE supports 4G and WLAN. When LTE coverage is unavailable, the device will automatically search for 3G.

† Future planned.

Future Development includes connectivity to the LifeGuard SmartCarer app as well as the Manager's Portal.

Rev. 05/05/2022

## Specifications

<b>Communication Path:</b>	IP (Ethernet) / LTE / 4G
<b>Built-in Communication Protocol:</b>	433 RF / DECT (optional)
<b>Protocol Module Options:</b>	Bluetooth (optional) ZigBee (optional) Z-Wave (optional)
<b>Optional Add-on:</b>	External Antenna (SMA Plug)
<b>Wireless Zones:</b>	100
<b>Reporting Method:</b>	CID/SIA, Email, SMS, Push Notification
<b>Programming Method:</b>	Remote
<b>VoIP:</b>	In Development
<b>Two-Way Voice:</b>	Yes
<b>Voice Prompts:</b>	Yes
<b>Backup Battery:</b>	Yes
<b>Home Automation Features:</b>	Yes
<b>ZigBee Protocol:</b>	ZigBee Pro HA 1.2, 2.4GHz (optional)
<b>RF Frequencies:</b>	433 MHz
<b>LTE / 4G Frequencies:</b>	B1 (2100 MHz) / B3 (1800 MHz) / B5 (850 MHz) / B7 (2600 MHz) / B28 (700 MHz)
<b>DECT Frequencies:</b>	1880-1900 MHz (AU) (optional)
<b>Wi-Fi Module</b>	802.11 a/b/g/n/ac
<b>Bluetooth:</b>	2.4GHz (optional)
<b>Power Supply:</b>	12V, 1.5A
<b>Backup Battery:</b>	Ni-MH rechargeable
<b>Backup Battery Life:</b>	Up to 38 hrs**
<b>Operating Temperature:</b>	-10°C to 45°C (14°F to 113°F)
<b>Operating Humidity:</b>	Up to 85% non-condensing
<b>Dimensions:</b>	173 mm x 173 mm x 48 mm

\*\* Note: Actual battery life varies with product settings, conditions, operating environment and usage. If DECT devices are connected, battery life will be significantly reduced.

Features and specifications are subject to change at the discretion of INS LifeGuard.