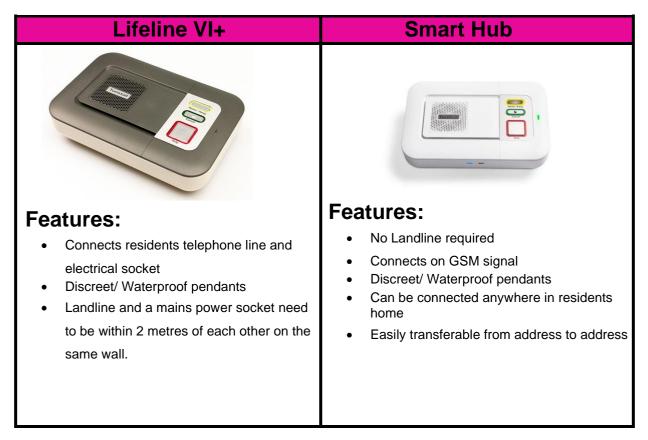Radius Connect 24 Home Units:

These home units form intelligent centres at the heart of the home to help all kinds of people of all ages to live independently. Used to raise an alarm call from anywhere in the home by simply pressing a pendant, the large illuminated red button on the unit or automatically via the range of telecare sensors linked to the home unit.

We have two unit options

Lifeline VI+	Smart Hub
Features: • Connects residents telephone line and electrical socket • Discreet/ Waterproof pendants • Landline and a mains power socket need to be within 2 metres of each other on the same wall.	**Features:** • No Landline required • Connects on GSM signal • Discreet/ Waterproof pendants • Can be connected anywhere in residents home • Easily transferable from address to address

What is it?	What does it do?
Specific Risk Area - Falls	
Personal Trigger Pendants	**Features:** • Press red button and her help 24/7 • Can be worn round neck, on the wrist or attached to an item of clothing • Can be used throughout the house and outside in the garden (50m range) • Waterproof pendant • Auto low battery alerts

Onyx Jewellery Style Pendant

Features:

- Looks like an item of jewellery but it's a pendant that delivers help at the touch of a button
- Pendant can be worn around client's wrist, on the wristwatch strap, or around the neck on the efficient, magnetic neck chain.
- Waterproof – Onyx can be worn in the bath and shower
- Can be used at home and garden – 150m radius

iVi Intelligent Pendant & Fall Detector

Features:

- Pendant based fall detector
- Can be used as a personal trigger and a fall detector
- Can "understand" sliding fall process
- Can be worn round neck, clip on, or belt worn
- Not worn feature and call cancelled feature option using Vi/Vi+ lifeline

Bed/Chair Occupancy Sensor

The bed/chair occupancy sensor is designed to automatically raise an alarm call if a client:

- Has not gone to bed by the predetermined time
- Has not got out of bed by the predetermined time
- Gets out of bed during the night and does not return within the predetermined time period

Features:

- Automatic low battery warning ensuring optimum operation at all times
- Flexible monitoring times that meet individual's needs
- Ability to raise an alert if the bed is unoccupied for a specified time at night
- Ability to raise an alert if the client fails to go to bed by a certain time or fails to get up in the morning by a certain time, which may indicate the existence of a potential problem

Specific Risk Area – Immobility

Movement Detector

Inactivity monitoring detects a lack of movement and raises an alarm to the monitoring centre

Features:

- Intruder alarm monitoring alerts the monitoring centre to summon the emergency services if required
- 'Pet Alley' facility raises the PIR beam above floor height to allow pets to wander throughout the home without raising an alarm
- Easy wall mounted installation with no screws or drilling required
- Automatic 'Walk Test' mode allows simple range checking to ensure complete room coverage
- Transmission to CAT 1 radio receiver ensures that PIR signals are reliably received
- Automatic low battery warnings alert the monitoring centre when the battery needs changing
- Ability to configure PIR. The default is Fast PIR which transmits every 30 seconds, however standard PIR is also available, transmitting every 2 minutes
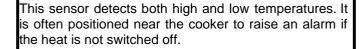
Specific Risk Area – Fire

Smoke Detector

Features:

- Detects smoke and automatically raises two alarms
- Simple and straightforward wireless installation with minimal disruption
- Sealed internal lithium battery powering both the smoke alarm and radio module
- 10-year battery life with auto low battery reporting
- Accredited to EN 14604:2009 standard for domestic smoke detector safety
- Transmission to Cat 1 radio receiver ensures that signals from sensors are reliably received
- Safety lock to prevent easy removal of the smoke alarm

Temperature Extreme Sensor	This sensor detects both high and low temperatures. It is often positioned near the cooker to raise an alarm if the heat is not switched off. ## Features: • Utilises the dedicated European 869MHz social alarm frequency - ensures reliable, future proofed operation • Wireless technology - provides flexibility on installations • Two year battery life complete with built in automatic low battery warning - ensures optimum operation at all times • Low temperature alarm - provides protection against freezing temperatures • High temperature alarm - provides protection against potential fire hazards • Rapid rate of rise alarm - provides protection against potentially dangerous temperature increase

Specific Risk Area – Personal Safety & Wellbeing

Bogus Caller Button	Fixed near the door, the bogus caller button will provide reassurance in the event of an unexpected caller. If the button is pressed by the user it enables the Response Centre to listen in silently and summon assistance if required.
Epilepsy Sensor	The epilepsy sensor detects all of a person's movement in bed including respiration and heartbeat. The alarm triggers if the person has abnormal movements longer than the preset delay. The delay can be 7-20 seconds. ## Features: • The epilepsy sensor does not have weight restrictions, so it is suitable for adults as well as children • The bed sensor is extremely thin and contains no embedded wires or switches

Property Exit Sensor (uni sensor)	# Features: • Used with the magnetic contacts, and/or built-in Reed Switch; this sends a radio event message when the door is opened and closed • A property exit sensor can be used to detect if a person goes out the door and does not come back in within a set time. • This sensor is used to alert family/keyholders if the person goes out and is at risk being out on their own. It can be set for night time only, or for 24 hours.

Specific Risk Area – Overflow / Leaks

Flood Detector	The flood detector sits on the floor by the bath or sink, and detects if water has leaked or over-flowed onto the floor. It sends an alarm call to the Monitoring Centre where staff will respond as above. # Features: • Audible flood detection alarm • Automatic flood alert sent to a monitoring centre • Small and compact radio sensor unit • Transmission to Class 1 radio receiver • Optimum radio battery operation with 5 year battery life and low battery warnings

Specific Risk Area – Fumes

Carbon Monoxide Detector	The Carbon Monoxide Detector detects dangerous levels of carbon monoxide. In the event of it activating, the Call Advisors will ask the Client to wait outside until assistance arrives i.e. friend, carer or a family member. N.I. Gas will also be called and informed of the situation. # Features: • Audible CO detection alarm to protect for leaks • Automatic CO alert sent to a monitoring centre • Small and compact radio sensor unit • Reliable transmission to Class 1 radio receiver

Specific Risk Area – Sensory Impairment

Vibrating Pillow

A dedicated smoke detector is linked to a vibrating pad positioned underneath a pillow. On detection of smoke, this provides an effective warning for hearing impaired users via the vibrating pad.

A strobe light can also be connected to provide additional warning for when the user is out of bed. An alarm call is also raised automatically via the Lifeline unit.

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