

product data



# bed/chair occupancy sensor 869MHz

## What is the bed/chair occupancy sensor?

The bed/chair occupancy sensor is designed to automatically arise:

- If a client has not gone to bed by the predetermined time
- If a client has not got out of bed by the predetermined time
- If a client gets out of bed during the night and does not return within the predetermined time period

The solution can be tailored to suit the specific daily activities of the individual. There is an optional facility available to automatically turn on a light or series of lights such as those in the main bedroom, hallway and bathroom in order to minimise the risk of falling should the client get out of bed.

## How does it work?

The bed occupancy sensor consists of a bed pressure pad, which is placed underneath the mattress of the user. When linked to Lifeline 400, 4000+ or other Tunstall telecare enabled system, the bed sensor solution assists carers to manage the risks associated with independent living by raising an alarm should the user get out of bed and not return by a certain time. The sensor can also raise an alert if the user doesn't go to bed by a certain time or doesn't get up by a certain time in the morning, in order to help identify potential issues at an early stage.

The chair occupancy sensor works in the same way, consisting of a chair pressure pad in order to provide a complete occupancy solution.

## Who is it for?

It is ideal for the following people:

- Individuals who have recently been discharged from hospital and require additional assistance and support at home
- Elderly, frail or disabled people
- Those with limited mobility such as arthritis
- People of any age receiving medication

## Why is it needed?

Specifically designed to monitor a person's safety at anytime of day or night, this solution reduces the risks to an individual by raising an alert in order to allow trained operators to take the most appropriate action.



All the reassurance you need

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# Features and benefits

- Transmits on the dedicated European 869MHz socialalarm frequency for reliable, future proofed operation
- Wireless radio technology for flexibility on installations
- Automatic low battery warning ensuring optimum operation at all times
- Flexible monitoring times that meet individual's needs
- The option to automatically activate bed side lamps and room lights reducing the risk of injury if out of bed during the night
- 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

## Technical details

Weight:	0.8 Kg
Dimensions:	
Control Unit:	93 x 158 x 34mm (WxHxD)
Bed pad:	600 x 100 x 7mm (WxHxD)
Chair pad:	300 x 300 x 7mm (WxHxD)
Radio frequency:	869.2125MHz
Radio range:	Up to 50 metres (typical)
Power supply:	4 x AA Batteries
Operating temp range:	-10°C to +55°C
Sensor life:	Bed pad 1 year Chair pad 90 days
Battery life:	Control Unit 2 Years
Battery disposal:	Disposal in accordance with current legislation
<b>Standards:</b>	
EMC:	EN55022: 1998, ETSI EN301-489-1:(2000-08) Class 1
Safety:	EN60950:2000
Social alarm:	EN50130-4
CE:	Compliant
Design, Manufacture, Installation and Service:	ISO9001: 2000
<b>Part Number:</b>	<b>4100513 Control Unit</b> <b>S2010004 Bed Pad</b> <b>S2010005 Chair Pad</b> <b>41005105 Extend Switch</b>

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[www.tunstallgroup.com](http://www.tunstallgroup.com)

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