Bed/Chair Occupancy Sensor

What is it?

The Bed/Chair Occupancy Sensor is a pressure pad for a bed or chair which monitors occupancy and automatically raises an alarm call if unexpected activity is detected. It can identify if an individual has not gone to bed by a specified time or if they have left their bed during the night and have not returned within an expected time period.

Who is it for?

It is designed for anyone who needs extra support to enable independent living, by increasing monitoring and protection in the home. It is suitable for individuals who have recently been discharged from hospital, older people with mobility issues or anyone receiving medication.

How does it work?

The standard bed pressure pad, is placed underneath the mattress on the bed. A wider bed pad is also available which goes on top of a mattress, giving increased sensitivity where users are very small, light or move significantly during their sleep.

When linked to a Lifeline home unit or other Tunstall telecare enabled system, the bed sensor assists carers to manage the risks associated with independent living by raising an alarm if an individual gets out of bed and not return by a certain time. The sensor also raises an alert if the user doesn't go to bed by a certain time or get up by a certain time the following morning.

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

Features

- Discreet pressure pad sensors for beds and chairs
- Transmits on the dedicated European 869MHz social alarm frequency for reliable, future proofed operation
- Wireless radio technology for flexibility on installations
- Automatic low battery warning ensuring optimum operation at all times

Benefits

- **Monitoring safety at any time of day or night**, reducing the risks to an individual
- **Increases capacity for independent living** by early identification of potential issues
- **Tailored to an individual routine** so that unexpected activity can be monitored and responded to appropriately

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The Bed/Chair Occupancy Sensor package

The package includes a pressure mat and cable. Control switches can be ordered separately to use with a Universal Sensor or convert the pad into a virtual sensor.

Why Tunstall?

We focus on using the latest digital and mobile technology to enable people to feel safe, secure and independent, giving them the freedom to live the life they choose. Our products combine secure digital connectivity and mobile platforms.

We help you provide…

- **Intelligent, unobtrusive, person-centred care.**
- **Personalised, proactive and predictive services to improve quality of life.**
- **Integrated health, housing and social care.**

For more information please visit:
uk.tunstall.com

bsi. ISO 9001 Quality Management

Specification

Technical

Weight:
0.8 kg

Dimensions: (W x L x D)
Control Unit: 93 x 158 x 34mm
Under mattress bed pad: 103 x 762 x 3mm
Under / over mattress bed pad: 245 x 672 x 3mm
Chair pad: 300 x 300 x 7mm

Radio frequency:
European 869 MHz social alarm frequency

Radio range:
Up to 50 metres (typical)

Power supply:
4 x AA Batteries

Sensor life:
Bed pads 1 year
Chair pad 90 days

Battery life:
Control Unit 2 Years

Battery disposal:
Disposal in accordance with current legislation

Standards

EMC:
EN 55032, EN301 489-1, EN 301 489-3, EN 50130-4

Safety:
EN 60950-1

Radio:
EN 300 220-2

Design, manufacture, installation and service:
ISO 9001: 2008

Part numbers

Control unit	41005/13
Under mattress bed pad (103mm wide)	D4106009A
Under / over mattress bed pad (264mm wide)	D4106011A
Chair pad	D4106010A

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