



# Motion Sensor 869

## What is it?

The motion sensor 869 is a Passive infrared (PIR) based sensor which is designed to detect movement in a room and transmit a radio signal to a lifeline home unit or other Tunstall telecare enabled systems. It has been specifically designed for care applications where it is important to avoid detecting a user who may be on the floor following a fall (fall zone feature). This means that movement is not reported and ensures an inactivity alarm can be generated by the Lifeline home unit or other Tunstall telecare enabled systems.

The motion sensor is also compatible with the Juno Package to report activity tracking within the home via the Tunstall Smart Hub.

## Who is it for?

Motion Sensor activity monitoring is ideal for:

- Anyone currently using a Tunstall system
- People with medical conditions such as dementia, epilepsy or diabetes

## How does it work?

At the heart of the solution is either a Lifeline home unit or a Tunstall system. The Motion Sensor is designed to sit on the wall within a property. Every 30 seconds the unit reports on the resident's movement patterns to provide assurance that they are OK.

This is ideal for reporting into the Juno wellbeing solution to provide peace of mind.

## Features

- Transmission to CAT 1 radio receiver - ensuring that signals from the sensors are received for ultimate reliability, essential where life-critical solutions are used
- Fast PIR detection to send a transmission every 30 seconds, when continuous movement is detected
- Walk test mode – 3 minutes of LED flashing every time movement is detected to show the PIR is working properly
- Can be configured to operate in Auto Low Battery mode (ALB) or Auto Presence (AP) – to transmit the status of the Motion Sensor

## Benefits

- 5m x 5m detection
- Fall zone – If the user has fallen on the floor and is moving around, the sensor will not detect movement. The Motion Sensor will need to be positioned on the wall between 1m-1.2m above the ground
- Sensor can be installed flat against the wall or in a corner
- Simple installation
- Simple battery replacement without the need to remove the sensor from the wall

## The Motion Sensor package

The Motion Sensor 869 comes with:

- 3.6V Battery (S1004055)
- Quick start user guide
- Hook and loop fixings (S4815000 and 4815001)

## 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:

[tunstall.co.uk](https://tunstall.co.uk)

## Specification

### Technical

**Dimensions:**

49mm x 102mm x 23mm (W x H x D)

**Weight:**

72g (unpacked)

**Operating Temp Range:**

0°C to 45°C (storage -10°C to 50°C)

**Power:**

3.6V AA EVE ER14505V Battery

**Battery Life:**

Up to 2 years - depending on the number of activations

**Detector Life:**

10 years

**Radio Frequency:**

869.2125Mhz

Compliant with European Social Alarm Frequency Band.

### Standards

**EMC:**

EN 301 489-1, EN 301 489-3

**Radio:**

EN 300 220-3-1

**Safety:**

EN60950-1

**CE:**

Compliant

**Design, manufacture, installation and service:**

ISO 9001:2015

### Part numbers

**61005/35**

Tunstall Healthcare (UK) Ltd is a member of the Tunstall Group.

Contact us on: **t: 01977 661234** | **e: [enquiries@tunstall.com](mailto:enquiries@tunstall.com)** | **w: [tunstall.co.uk](https://tunstall.co.uk)** | **@TunstallHealth**

Our policy of continual development means that product specifications and appearance may change without notice. Tunstall does not accept any responsibility for any errors and omissions contained within this document.

Version v50819