



Dual Mode PIR (passive infrared) Detector

What is it?

The Tunstall PIR motion detector is a passive infrared monitoring device which detects movement, so inactivity can raise an alarm to a monitoring centre. Lightweight and easy to install, the wall-mounted detector can be placed anywhere without the need for screw fixings. It can be configured to use fast and standard transmission.

How does it work?

The lightweight wireless PIR detector can be easily installed and registered to Lifeline Home units or other Tunstall telecare enabled systems. Once unexpected movement and/or a period of inactivity is detected, the PIR will generate an alarm call to a 24 hour monitoring centre, where the most appropriate course of action will be taken.

Features

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

Benefits

- **Decreases response times** to potential fall situations by raising an automatic alarm
- **Minimises the long term effect of falls** by reducing the delay in provision of assistance
- **Increases safety and reduces costs** through providing both intruder and inactivity monitoring
- **False alarms are reduced** due to the built in lens, which takes account of pets
- **Intruder alarm monitoring** to detect burglars or uninvited visitors
- **Plug and play registration** for simple installation and setup, once the Lifeline or other Tunstall telecare enabled systems are in programming mode

Who is it for?

Suitable for any home or group living environment, the PIR motion detector helps provide security and reassurance 24 hours a day.

The PIR can be used to detect inactivity so that if movement has not been detected within a home over a predetermined time period, an alarm will be raised to the monitoring centre.

For combination monitoring the PIR can be used to provide both intruder and inactivity monitoring thereby reducing costs, while significantly increasing levels of safety and security for the user.

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



Specification

Technical

Dimensions:

62 x 115 x 50mm (WxHxD)

Weight:

90g

Radio frequency:

European 869 MHz social alarm frequency

Radio range:

Up to 50 metres (typical)

Power supply:

Lithium 3V cell

Battery life:

Up to 2 years in Standard mode

Up to 1 year in Fast PIR mode

Environmental

Operating temp range:

-10°C to +50°C

Environmental humidity:

95% maximum

Standards

EMC:

EN 55032, EN 301 489-1, EN 301 489-3, EN 50130-4

Safety:

EN 60950-1

Radio:

EN 300 220-2

CE:

Compliant

Radio equipment directive (RED):

Compliant

Design, manufacture, installation and service:

ISO9001: 2008

Part numbers

68005/93

Dual mode PIR

S1004033

CR123A Lithium Battery 3V

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

Contact us on: **t: 01977 661234** | **e: enquiries@tunstall.com** | **w: uk.tunstall.com** | **@TunstallHealth**

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