



# Smoke detector

## What is it?

A wireless optical smoke detector for the home with two alarms - one local and one to the 24 hour monitoring centre - offering peace of mind and support.

## Who is it for?

The smoke detector is suitable for anyone living independently that could be at risk in their home and requires an added level of support and reassurance.

## How does it work?

The smoke detector is easily installed onto the ceiling of selected rooms within the home. On detecting smoke, two alarms are activated. An audible alarm sounds within the property and another alarm signal is automatically sent to the Lifeline or other Tunstall telecare enabled system. This immediately raises a call to the 24 hour monitoring centre where an experienced operator will alert the emergency services. Because the process is automatic and immediate, the risk to life and property are reduced.

## Features

- Detects smoke and automatically raises two alarms
- Simple and straightforward wireless installation, with minimal disruption
- One complete battery powers both the detector and radio transmission
- 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 removal of the smoke detector
- Battery lock to prevent the smoke detector being fitted to its base without its battery

## Benefits

- **Homes equipped with smoke detectors continue to discover fires more rapidly** than those without and are associated with lower casualty rates and less damage
- **Immediate response if fire is detected** with local alarm and a call to the 24 hour monitoring centre with operators who can alert emergency services
- **Simple installation** offering immediate and automatic protection
- **Protection from the devastating effects of fire** including risk to life and damage to property
- **Long battery life** reduces maintenance and battery replacement costs

## 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](http://uk.tunstall.com)

## Specification

### Technical

**Dimensions:**

100mm x 51mm (W x D)

**Weight:**

155g

**Radio frequency:**

European 869 MHz social alarm frequency

**Radio range:**

Up to 50 metres (typical)

**Operating temperature:**

-10°C to +60°C

**Power supply:**

1 x 9V Lithium

**Battery life:**

Up to 10 years

**Detector life:**

Up to 10 years

**Detection method:**

Tyndall effect (optical)

### Standards

**Accredited:**

EN 14604:2009

**EMC:**

ETS300 683:1997

**Safety:**

EN 60950:2000

**Radio:**

EN 300 220-2 (2007)

**CE:**

Compliant

**Radio equipment directive (RED):**

Compliant

### Part number

**68005/96**

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