

product data



# smoke detector 869M Hz

## What is the Smoke Detector?

On detection of smoke, the wireless optical smoke detector will raise two alarms. Firstly a local audible alarm and secondly a vital signal will be automatically sent to the Lifeline home units and other Tunstall telecare enabled systems. This in turn will immediately raise a call to the 24 hour monitoring centre and an experienced operator will alert the emergency services. Because the process is automatic and immediate, the risks to life and property are reduced.

By using wireless technology, there is minimal disruption to fixtures and fittings during the installation process and detectors can be easily relocated should the need arise.

The optical smoke detector has also been improved with the following features:

- One battery - powers both the detector and radio transmission
- Auto low battery reporting - the detector supports ALB functionality
- Increased battery life - supplied battery has an expected life of 5 years
- Accredited to EN14604:2005 - the latest standard for smoke detectors

## How does it work?

When activated, the smoke detector transmits an alarm call via the dedicated European social alarm frequency to Tunstall telecare enabled systems. These will then automatically raise a call to the monitoring centre or carer to enable the recipient to identify what type of detector has initiated the call, allowing the most appropriate and immediate action to be taken.

## Why is it needed?

Fire poses one of the most serious threats to people at home and its effects are devastating. Every year fires in the home cause hundreds of deaths and damage many thousands of homes. Homes equipped with smoke detectors continue to discover fires more rapidly than those without, and are associated with lower casualty rates and less damage. Installing wireless smoke detectors is a simple and straightforward method of providing a monitored fire detection system in the home.

## Who is it for?

The smoke detector is for anyone who is at risk in their home and requiring additional peace of mind.



All the reassurance you need

**Tunstall**

# Features and benefits

- Accredited to EN 14604:2005 - the latest EN standard for domestic smoke detector safety  
One combined battery for complete operation - reducing battery management issues  
Improved battery life - Lithium battery lasts for up to 5 years reducing maintenance and battery replacement costs
- Transmission to Class 1 radio receiver - ensuring that signals from sensors are reliably received, when linked to Lifeline home units and other Tunstall telecare enabled systems
- Dedicated Frequency - operates on the European 869 MHz social alarm frequency for reliable, future proofed operation

Wireless technology - means there is minimum disruption during installation and is easily relocated if required

Automatic low battery warnings - ensuring optimum operation at all times

Safety lock - can be used to prevent the removal of the smoke detector

Battery lock - smoke detector cannot be fitted to its base without a battery

## Technical details

Weight:	155g
Dimensions:	100mm x 51mm (WxD)
Radio frequency:	869.2125MHz
Radio range:	Up to 50 metres (typical)
Operating temperature:	-10°C to +50°C
Power supply:	1 x 9V Lithium (U9VL-FP)
Battery life:	5 years
Battery disposal:	Dispose in accordance with current legislation
Detector life:	10 years
Detection method:	Tyndall effect (optical)

<b>Standards:</b>	
Protection:	EN60 529 (IP43) EN
Accredited:	14604:2005 ETS300
EMC:	683:1997 EN 60950:2000
Safety:	EN300 220-3V1.1.1 (09-2000)
Radio:	Compliant
CE:	<b>67005/74</b>

**Part Number:**

Please Note: A Class 1 receiver is necessary for "highly reliable short range device (SRD) communications media, eg serving human life inherent systems"

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