

product data



# workplace security system

## What are workplace security systems?

The Tunstall workplace security system provides flexible, cost effective protection for both staff and the premises where they work.

The system can be configured to meet a wide range of requirements. These can range from people working alone to the protection of a large environment containing significant numbers of people, such as pupils and staff in a school.

The system comprises a Lifeline 4000 control unit linked to a wide range antenna which increases the coverage area and allows signals to be received from up to 94 radio triggers strategically located to provide maximum security and protection. These can be complimented with a range of additional equipment including PIR movement detectors, fall detectors, smoke detectors, flood detectors, moving message displays and sounder beacons.

Using Tunstall's advanced technology, the system is easy to install and simple to use, providing a highly reliable, user friendly solution that in turn creates a safe and secure working environment.

The Tunstall workplace security system is ideally suited to protecting people and property in the following applications:-The Falls Management Solution comprises the following telecare sensors:

- Education establishments such as schools, colleges and universities
- Places of work including warehouses, retail premises, hospitals and offices
- Unoccupied buildings (requires mains power)
- Social services hostels
- Area housing offices
- Public buildings



Who is it for?

All the reassurance you need

**Tunstall**

# The Tunstall workplace security system provides flexible, cost effective protection for both staff and the premises where they work.

## How does it work?

Staff are issued with an 'Amie' personal protection radio trigger. When the user requires assistance, an alert can be activated simply and discretely by pressing the button on the Amie. The Amie will then silently transmit a message to the Lifeline 4000 control unit, which will automatically display the callers name and their location on up to 32 moving message displays. Sounder beacons may also be linked to automatically increase the awareness of such an incident. Wireless PIR movement detectors, smoke detectors, flood detectors and pressure mats can also be added to provide a cost effective means of securing premises when unoccupied. Fall detectors can also be utilised and issued to members of staff identified as at risk of falling to raise a call for help using the above sequence.

To provide added protection the system can also be linked to a 24 hour response centre where calls are answered by highly trained operators who will take the appropriate action. A call for assistance not answered on site can automatically be programmed to generate a call to the response centre thereby ensuring a rapid response to a situation, for complete peace of mind.

## Why is it needed?

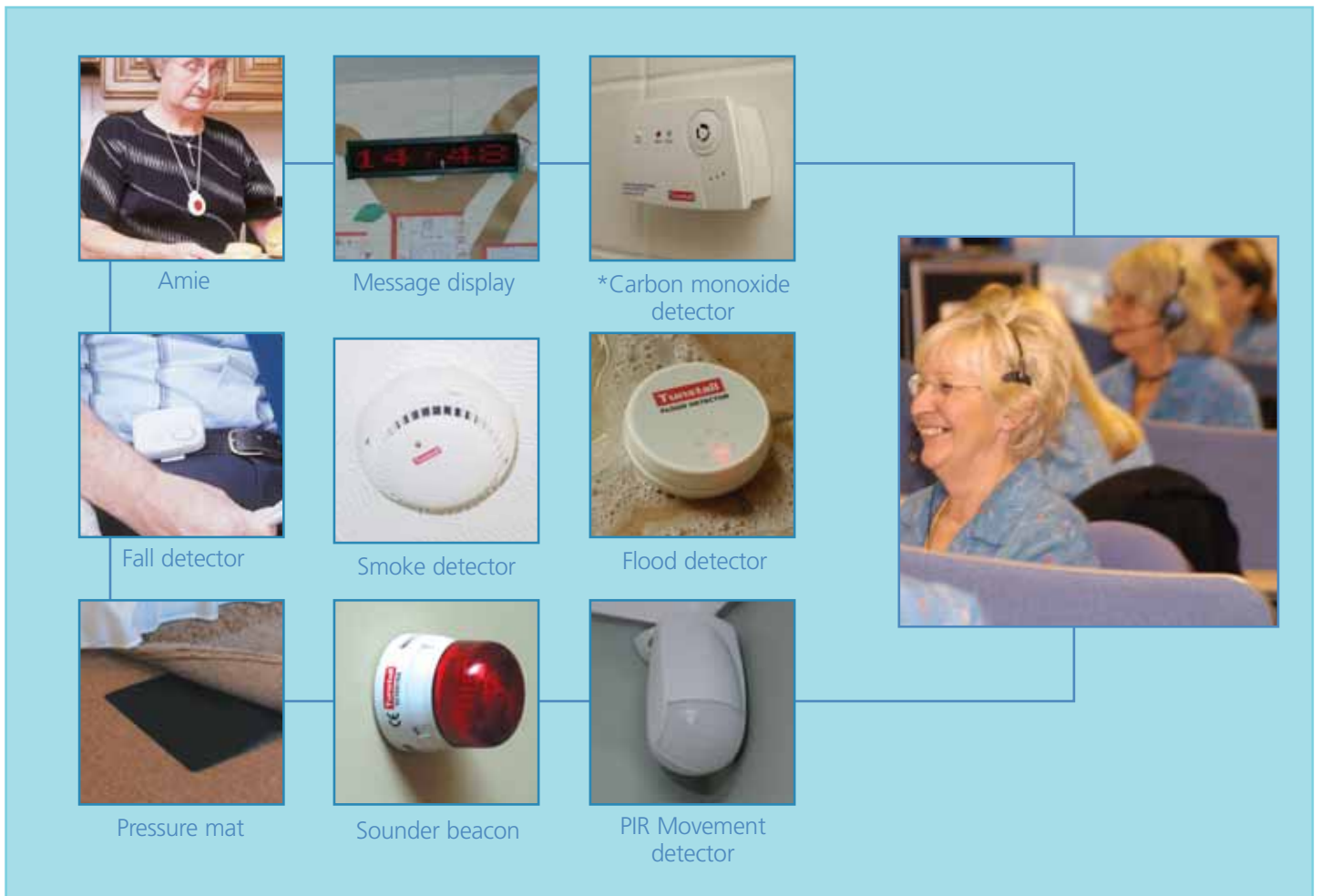
A place of work is somewhere that should provide people with a safe and secure environment in which to concentrate on the job in hand, without worry of personal injury or attack.

However, the duty of care placed on employers to ensure that this is the case has become increasingly difficult to safeguard. This is especially true where staff are required to deal with members of the public or where high cost working practices have been streamlined.

The Tunstall workplace security system not only provides benefits for members of staff but also their employers. It provides vulnerable workers with peace of mind, safe in the knowledge that if they are threatened or attacked, help will quickly arrive. It also enables employers to operate more efficiently by increasing the safety of lone working, and reducing the need for more than one member of staff to be on hand at all times.

The protection of hard to secure property such as mobile classrooms, remote off site storage areas and stock rooms, can also be achieved cost effectively using the same system.





## Features

- Up to 94 trigger inputs to provide comprehensive coverage for larger buildings
- Up to 32 moving message displays and 32 sounder beacons can be utilised per system in order to provide instant audible and visual alerts in the building
- Wireless PIRs and smoke detectors provide a cost effective means of protecting property
- 250 metre radio range ensures that even large sites can be covered
- 10 digit moving message displays allow a tailored message to be programmed to each sensor to identify either the user and their pre-set location or the type of sensor being activated and its location
- Personal trigger low battery calls are differentiated on the moving message displays as 'low battery calls' rather than simply personal trigger calls
- Simple assignment of triggers and text entry is made possible through the use of a dedicated 'user key'
- Response centre monitoring is also available providing 24/7 all year round coverage
- Radio based system, no hard wiring required
- Discreet and easy to use
- One system protects people, property and the buildings
- EN 300 220-3 Class 1 Radio Receiver - A Class 1 receiver is necessary for "highly reliable SRD (short range device) communications media, e.g. serving human life inherent systems"

\*To be used in conjunction with a Radio Output Module or it can be hard wired



## Technical details

### Lifeline 4000D

Weight:	936g
Dimensions:	170 x 55 x 233mm (W x H x D)
Mains power:	240V ac, 13A electrical socket
Stand-by battery:	1200mAh capacity (continuously internally recharged)
Backup time:	20 hours of stand-by operation, 15 hours with one 30 min alarm call. (Minimum expected at date of purchase and when fully charged)
Power consumption:	10W max

### Environment:

Temperature:	Operating temperature (to perform to full specification) = 0C to 45C Storage = -10C to 50C
Humidity:	Operating relative humidity (non-condensing) to perform to full specification = 0 to 80% Storage relative humidity (non-condensing) = 0 to 93%

### Standards:

EMC:	EN55022: 1998, EN55024: 1998, EN50130-4: 1995, ETSI 300 683:1997, EN61000-3-2:1995, EN61000-3-3:1995
Safety:	EN60950: 1992
Radio triggers:	EN300 220-3 Class 1, ETSI 300-683
CE:	Compliant
Design, Manufacture, Installation and Service:	ISO9001: 2000

### Amie

Weight:	20g
Overall Dimensions:	31 x 58 x 16mm (W x H x D)
Alarm button:	15mm diameter
Carrier frequency:	173.225 MHz
Batteries:	Non-replaceable lithium battery
Expected battery life:	20,000 activations over 5 years (typical)
Water resistance:	Resistant to ingress of water to IP67 (depth of 1m for 1/2 hour)
Wearing options:	Comes complete with neckcord aerial (for increased transmission distance)
Approvals:	Type approved to MPT 1344
CE:	Approved to ETSI 300-339

For data on other peripheral devices such as the wireless PIR see the appropriate product data sheet.

Part Numbers	36000/812 - Comprises a Lifeline 4000D (schools security version) complete with one Amie trigger and an extended range antenna. 36000/813 - Comprises a Lifeline 4000D (schools security version), one Amie trigger, extended range antenna, sounder beacon, power supply unit, modified Tapit in order to drive moving message displays (which are not included) and quick reference/comprehensive manuals. 36000/814 - Comprises a moving message display. The moving message display is an 'add-on' for the 36000/813 above and a maximum of 32 can be used per system.
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# Tunstall

[www.tunstallgroup.com](http://www.tunstallgroup.com)

Tunstall is a founder member of the Continua Health Alliance



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