

Universal sensor

What is the universal sensor?

The Universal Sensor enables wired devices to transmit a signal to a Lifeline home unit and other Tunstall telecare enabled systems, eliminating the need to hard wire the sensor or detector to the system.

It enables wired devices and other equipment to raise wireless alarm calls and appropriate radio messages to the home unit using Plug and Play functionality. It can also be used as a Door Usage Sensor using the supplied door contacts or to wirelessly connect Natural Gas Detectors to home units.

How does it work?

The Universal Sensor works as an interface between wired electrical devices and Tunstall telecare enabled systems. These may include an existing intruder alarm system, natural gas detector, carbon monoxide detector or pressure mat.

Switches on the back of the sensor allow the installer to easily set the sensor to send a message to the home unit identifying which type of device it is linked to. When the attached device is triggered the Universal Sensor sends the appropriate message, providing the operator at the response centre with sufficient information to respond accordingly.

The universal sensor can also receive inputs from normally open or normally-closed contacts enabling it to be connected to a wide range of devices.



Why is it needed?

A Universal Sensor is required to enable traditional hard wired sensors, to send wireless radio signals to home units. This reduces the need for additional wiring saving both time and money associated with installation.

Who is it for?

The Universal Sensor is designed for any individual, or situation that requires additional sensors for added protection.

Features and benefits

- **Simple** - provides a simplified method of connecting the sensor to a Lifeline home unit
- **Flexible** - supports both normally open and normally closed contacts (existing ROM is normally open only). This allows connection of the sensor to the Natural Gas Detector to wirelessly connect it to a Lifeline home unit
- **Door Usage Sensor** - can be used as a simple door usage sensor using the supplied door contacts
- **5 year battery life** - long battery life reduces the need for maintenance visits
- **Dedicated frequency** - operates on the dedicated European 869 MHz social alarm frequency for reliable, future proofed operation
- **Plug and Play** - installer can easily select the appropriate sensor type that is sent to the monitoring centre using the switches on the Universal Sensor

Technical details

Weight:	70g
Dimensions:	50 x 74 x 25mm (W x H x D)
Radio frequency:	869.2125MHz
Battery life:	5 years depending on usage
Battery disposal:	In accordance with current legislation
Part number:	Universal sensor 41005/30
	Bed occupancy sensor mat D4106009A
	Chair occupancy sensor mat S2010005

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