

product data



ruggedised alarm

What is a Ruggedised Alarm?

The Ruggedised Alarm is designed especially for vulnerable people or premises, wherever they are located. This compact GSM (mobile phone) based, self contained ruggedised unit is ideal for use in environmentally challenging locations where regular deployment requires the equipment to have increased durability. It can be taken into any building with or without a telephone line connected, to offer protection and peace of mind to both people and property that may be at risk.

How does it work?

An instant alarm call is activated by pressing a single red button on the unit or Amie+ personal radio trigger, which can be worn around the neck or wrist or attached to an item of clothing. Once activated the alarm sends a silent, secure signal to a recipient or monitoring centre providing two way speech through the powerful speaker allowing clear hands free communication between caller and the recipient. A nominated monitoring centre can identify the caller's name and location on receipt of the call enabling the trained operators to provide the 24 hour essential response to any situation and take the most appropriate action. Added protection can be offered through the use of sensors such as movement detector (PIR), bogus caller button, smoke and fall detector.

Who is it for?

Designed for those organisations that are responsible for providing 24 hour response to people and their properties and where such equipment needs to have increased durability:

- Police authorities
- Local authorities
- Housing associations
- Housing management companies
- Employers of lone workers

Why is it needed?

To provide 24 hour protection and assistance to vulnerable people or premises wherever they may be located.



All the reassurance you need

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Features and benefits

- **Secure, robust casing** - offers maximum protection against impact
- **Extendable aerial range** - range of the standard Amie+ personal radio trigger is up to 25 metres - with extended aerial the Amie+ radio trigger has a range of up to 100 metres from the unit
- **Supports remote alarm applications** - by utilising its GSM module where a phone line is unavailable
- **Battery powered** - the mains rechargeable battery lasts for up to 12 hours between charges and provides an audible warning when low
- **Operates on the dedicated social alarm frequency 869MHz** - for reliable, future proofed operation
- **Can be placed discreetly out of sight** - the range of the unit allows calls to be raised remotely by using the Amie+ radio personal trigger enabling
- **Class one radio receiver** - ensures that signals from radio triggers are reliably received
- **Backed by 24 hour monitoring** - via the network of monitoring centres

Technical details

Lone worker unit and case

Weight:	5 kg
Dimensions:	270 x 250 x 170mm (WxHxD)
Radio trigger range:	25 metres standard/100 metres with extended aerial, on 869.2125MHz
GSM radio:	Power 2 watts Tri-band: 900,1800,1900MHz

Standards:

EMC:	EN55022: 1998, EN50130-4: 1996 & Amd 1, ETSI EN 300 683: 1997
Safety:	EN 60950-1:2001
Radio triggers:	EN 300 220-3
Radio receiver:	EN 300 220-3 Class 1
Design, Manufacture, Installation and Service:	ISO9001: 2000

Part Number: 36600/02

NOTE: We recommend that enquiries to the cellular network should be made prior to commissioning the equipment to ensure that the network coverage within the area of operation provides appropriate coverage.

A subscription to a UK cellular network and an appropriate SIM card is required.

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Tunstall is a founder member of the Continua Health Alliance

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