

GSM module

What is a GSM module?

The GSM module is specifically designed to connect to a Lifeline home unit allowing calls to be raised using the GSM mobile phone network. Because the GSM module is supplied SIM card free the service provider can use the network of their choice.

How does it work?

When a call is initiated the Lifeline home unit will transmit the call to the designated 24 hour monitoring centre via the mobile phone network. Once the call is accepted at the monitoring centre, two way speech is established between the operator and the caller.

It is also supplied with a battery backup to provide even greater reassurance in the event of power failure.

Who is it for?

Working in conjunction with the Lifeline home unit range, the GSM module is ideal for:

- Elderly, infirm or disabled people
- Individuals who have been discharged from hospital and require additional support and assistance at home
- People subject to domestic violence, racial harassment, repeat victimisation and distraction burglary
- Those living in high crime areas
- People of any age living alone
- Monitoring unoccupied buildings



Why is it needed?

The GSM is required to establish a secure telephone link when there is no landline available allowing the calls to be transmitted to a 24 hour monitoring centre.

Features and benefits

- **Plug and Play registration** - offering ease of installation when linked to the Lifeline Vi+ home units
- **Transmission to Class 1 radio receiver** - ensuring that signals from sensors are reliably received, when linked to the Lifeline Vi+
- **New frequency** - operates on the dedicated European 869 MHz social alarm frequency for reliable, future proofed operation
- **Radio range** - up to 50m, ideal for the largest rooms
- **Pet adjustment** - can be adjusted to allow for the movement of pets, therefore minimising the chance of false calls
- **Automatic low battery warnings** - ensuring monitoring centre is alerted if battery need replacing
- **PIR coverage** - 15m x 6m wide and 18m x 2m long (dependent on placement)
- **Integral 9V power** - no wiring is required
- **1 year battery life** - under normal operating conditions (battery is also user replaceable)

Technical details

| | |
|------------------------|--|
| Weight: | 550g |
| Dimensions: | 148 x 210 x 43mm (WxHxD) |
| GSM Bands: | Tri Band 900/1800/1900MHz |
| Power Supply: | 8-32V DC |
| Battery Backup: | Supplied |
| Operating Temperature: | 5 - 40°C |
| Humidity: | 0 - 95% |
| Standards: | CE Compliant |
| Health and Safety: | EN 60950-2000 |
| EMC: | ETS EN 301 489-1 EN 301489-7 |
| R&TTE: | 1999/5/EC |
| Compatibility: | To overcome issues regarding the transmission of protocols over GSM networks, the GSM module should only be used in conjunction with Lifeline Vi and Lifeline Vi+ home units that support Tunstall's patent pending STMF protocol. |
| Part Number: | 36600/01 |

Please Note: The GSM module is supplied without a SIM card to enable the service provider to use the mobile phone network of their choice. The unit is only compatible with 2G SIM cards.

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