

# PRODUCT DATASHEET - WIRELESS SOUNDER INTERFACE MODULE



## WAVE-SENSE

Wireless Device

TI-002256

### DESCRIPTION

The TI-002256 Wireless Sounder Interface Module is designed for use with the Pro-Sense range of modular wall sounders and sounder beacons. When either the conventional sounder or sounder beacon are fitted with this module they become fully compatible with all Wave-Sense wireless translators and expander modules. When configured onto a compatible translator, the wireless sounder or sounder beacon are fully addressable and benefit from an extensive range of intelligent control, test and monitoring functionality. The well proven adaptive radio signal processing algorithms ensure the highest levels of life safety and reliability.

Note: Functionality is dependant on the control equipment.

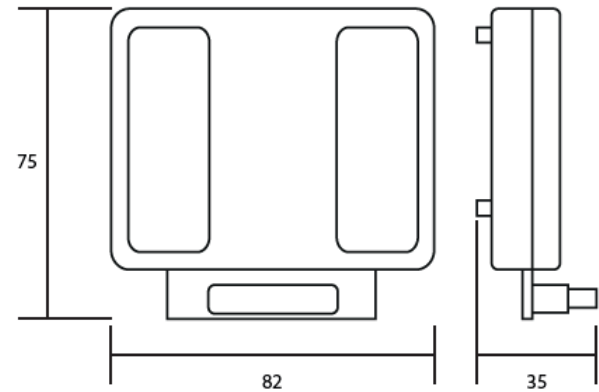
### KEY FEATURES

- Flexible modular design
- 1 Year product warranty
- Designed and tested as per EN 54-18 & EN 54-25, certified by IMQ
- 3 Year battery life (in ideal operating condition)
- Bi directional wireless communication
- Fits inside the Pro-Sense modular wall sounders and sounder beacons
- Microphone self test facility
- Utilises standard low cost lithium battery technology
- Self optimising wireless communication

### TECHNICAL SPECIFICATION

Operating frequency range	865 MHz
Max radiated power	5dBm (3mW)
Radio signal modulation type	FSK
Operating frequency channels	7
Communication range with the Translator or Expander Module	≤ 150 m (in open space)
Weight (without batteries)	110g
Primary battery	CR123A (3 V & 1.2 Ah)
Secondary battery	CR123A (3 V & 1.2 Ah)
Primary battery lifespan (typical)	≥ 3 years
Secondary battery lifespan (typical)	2 months
Operating Temperature (no icing)	-25°C to +70°C
Compatible Devices	TI-002272 TI-002273

### TECHNICAL INFORMATION



### STANDARDS & APPROVALS

BS EN 54-18: Input / Output Devices

BS EN 54-25: Components using radio links & system requirements



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