

DATASHEET

WIRELESS (LIBRA) CLASS P HEAT DETECTOR

L-HT-SG

The L-HT-SG is a fully intelligent device and compatible with all Libra wireless Translator and Expander modules. The detector is designed for open area protection giving the best possible warning of a fire condition in locations where smoke detection technology is not suitable. The well-proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability are achieved. An in-built magnet test allows easy activation to verify correct functionality and response.



KEY FEATURES

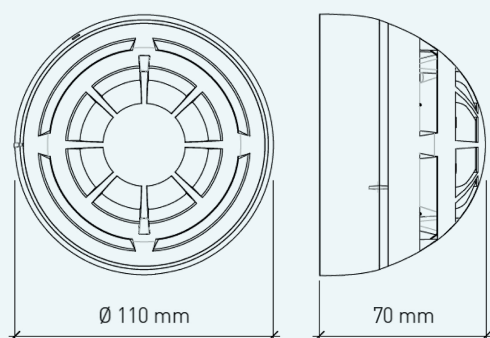
- Twin alarm LEDs for 360 deg visibility
- Internal algorithm processing optimises performance
- 3rd party approved
- 8 year battery life
- Utilises standard low cost lithium battery technology
- Bi-directional wireless communications
- Compatible with all Libra translators and Expanders
- Multiple sensitivity settings
- 5 year product warranty
- Device identification tab

TECHNICAL SPECIFICATION

Operating frequency range	868 – 870 MHz
Max radiated power	(<25mW)
Operating channels	Multiple
Category A1R	(58°C max) or
Category BS high temp	(78°C)
Dimensions	110mm x 70mm
Batteries	2 x CR123A
Weight	190g
Temperature Range (no icing)	-10°C to +55°C *
Max tolerated humidity (non condensing)	95% RH
IP Rating	40

*Performance may vary at extremes of range

TECHNICAL INFORMATION



STANDARDS & APPROVALS

- EN 54-5: Heat detectors - Point heat detectors
- EN 54-25: Components using radio links

