PRODUCT DATASHEET

L-MC-SG

WIRELESS (LIBRA) MULTI-CRITERIA DETECTOR

The L-MC-SG is the latest in wireless multi-criteria detector technology. It is a fully intelligent device and compatible with all Argus wireless Translator and Expander modules. The detector is designed for open area protection and combines both dual-path smoke and heat detection technologies for improved performance, whilst maintaining the high levels of unwanted alarm rejection. Utilising 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.
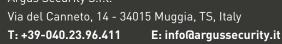
KEY FEATURES

- Advanced dual-path optical chamber design
- Internal algorithm processing optimises performance
- 3rd party approved
- 8 year battery life
- Utilises standard low cost lithium battery technology
- Multiple smoke and heat sensitivity settings
- Bi-directional wireless communications
- Compatible with all Argus translators and Expanders
- Complies with the latest multi-sensor standard EN 54-29
- 5 year product warranty
- Device identification tab
- Twin alarm LEDs for 360° visibility

TECHNICAL INFORMATION

Ø 110 mm   70 mm

TECHNICAL SPECIFICATION

Operating frequency range	868 – 870 MHz
Max. radiated power	(<25mW)
Operating channels	Multiple
Choice of sensitivity settings	3 smoke/2 heat
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
Magnet test	Yes

*Minimum 18V with LED operation **Performance may vary at extremes of range
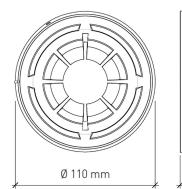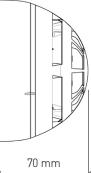
STANDARDS & APPROVALS

- BS EN 54-5 Class P: Heat Detectors
- BS EN 54-7 Smoke Detectors
- BS EN54-25: Components using radio links
- BS EN54-29: Multi-sensor fire detectors
- CEA4021

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