WLS/MS - Wireless Multi-Criteria Detector

- **Advanced dual-path optical chamber design**

- **Internal algorithm processing optimises performance**

- **3rd party approved**

- **5 year battery life**

- **Utilises standard low cost lithium battery technology**

- **Multiple smoke and heat sensitivity settings**

- **Bi-directional wireless communications**

- **Compatible with all Protec translators and Expanders**
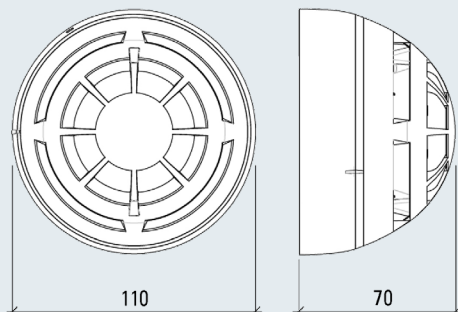
- **Device identification tab**

The WLS/MS is the latest in wireless multi-criteria detector technology. It is a fully intelligent device and compatible with all Protec 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.

ADDRESSING SAFETY SYSTEMS WITH INTELLIGENCE

Technical Specification

CE 2831

Dimensions (mm)

110

70

Technical Specification

Operating frequency range	868 – 870 MHz
Max. radiated power	14dBm (25mW)
Operating channels	Multiple
Choice of sensitivity settings	3 smoke/2 heat
Dimensions (mm)	Ø110 x 70(H)
Batteries	2 x CR123A
Weight	190g
Temperature Range (no icing)	-10°C to +55°C **
Max tolerated humidity	95% RH (non condensing)
IP Rating	IP40
Magnet test	Yes
Relevant Standard	EN54 Part 5, 7, 25 & 29

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

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