

- **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**
- **Bi-directional wireless communications**
- **Compatible with all Protec translators and Expanders**
- **Colour options available**
- **Device identification tab**
- **Dual angle scattering analysis**



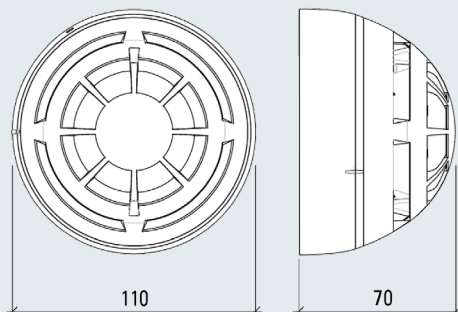
The WLS/OP wireless dual optical smoke detector is the latest in wireless smoke detector technology. It is a fully intelligent device and compatible with all Protec wireless Translator and Expander modules. The detector is designed for open area protection and utilises dual-path optical smoke detection technologies and algorithms 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.

Technical Specification



Dimensions (mm)



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Operating frequency range	868 – 870 MHz
Max. radiated power	14dBm (25mW)
Operating frequency channels	7
Communications range	<200m (in open space)
Dimensions (mm)	110Ø x 70(H)
Temperature Range (no icing)	-10°C to +55°C **
Max tolerated humidity	95% RH (non condensing)
IP Rating	IP40
Relevant Standard	EN54 Part 7 & 25

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