

Features

- ▶ Approved to AS ISO 7240 Parts 5,7,25 & 29
- ▶ RED compliant
- ▶ Internal algorithm processing optimises performance
- ▶ Tamper switch
- ▶ Up to 10 years battery life*
- ▶ Utilises standard low-cost lithium battery technology
- ▶ Bi-directional wireless communications
- ▶ Self optimising wireless amplitude and frequency
- ▶ Compatible with all Ekho Translator/Expander modules.



Description

The EK-WL8-OH/AU is the latest in wireless multi-criteria sensor technology. It is a fully intelligent device and compatible with the Ekho wireless Translator and Expander modules.

The sensor combines both smoke and heat detection technologies (A1R) for improved performance, which can contribute to reducing unwanted alarms.

Utilising well-proven adaptive radio signal processing algorithms ensures that 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.

Specifications

Ordering code	EK-WL8-OH/AU		
Operating frequency range	918 - 926 MHz		
Communication range (in open air)	1200 m		
Modulation type	GFSK		
Operating frequency channels	6		
Max. radiated power	≤ 25 mW		
Operating modes	Smoke only	A1R only	Smoke and A1R combined
Operating temperature range	- 10 °C to + 55 °C		
Max. tolerated humidity	95% RH (non-condensing)		
Weight (g) / Dimensions (mm)	160 / ø 111 x H 57		
Power supply (Dual 3V lithium batteries)	1 x Primacy cell (CR123A)		1 x Secondary cell (CR2032A)
	1.2 Ahr		0.24 Ahr
	8 - 10 years primary battery life*		3 months secondary battery life

Standards & Approvals

AS ISO 7240-5 Heat Point Detectors

AS ISO 7240-7 Smoke Detectors

AS ISO 7240-25 Components using radio links

