ekho EK-WL8-O Hybrid Wireless Optical Smoke Sensor

Features

- Approved to EN54-7 & 25
- ▶ RED compliant
- Internal algorithm processing for optimal performance
- ▶ Tamper switch
- ▶ Up to 10 years battery life*
- Utilises standard low cost lithium battery technology
- Bi-directional wireless communications

Description

The EK-WL8-O wireless optical smoke sensor is the latest in wireless smoke sensor technology. It is a fully intelligent device and compatible with the Ekho wireless Translator and Expander modules.

The sensor utilises optical smoke detection technologies and algorithms for improved performance, which can contribute to reducing unwanted alarms.

 Self optimising wireless amplitude and frequency

 Designed for use with Ekho Translator and Expander modules.

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.

Specifications

Specifications		
Ordering code	EK-WL8-O	
Operating frequency range	868 - 870 MHz	
Communication range (in open air)	1200 m	
Modulation type	GFSK	
Operating frequency channels	6	
Max. radiated power	≤ 25 mW	
Operating temperature range	- 10 °C to + 55 °C	
Max. tolerated humidity (non condensing)	95% RH	
Dimensions (mm)	ø 111 x H 57	
Power supply (Dual 3V lithium batteries)	1 x Primary cell (CR123A)	1 x Secondary cell (CR2032)
	1.2 Ahr	0.24 Ahr
	Up to 10 years primary battery life*	8 months secondary battery life

Standards & Approvals

BS EN 54-7 Smoke Detectors

BS EN54-25: Components using radio links



*Dependant on operational usage



For further information visit www.hochikieurope.com/ekho Hochiki Europe (UK) Ltd. reserves the right to alter the specification of its products from time to time without notice. Although every effort has been made to ensure the accuracy of the information contained in this document it is not warranted or represented by Hochiki Europe (UK) Ltd. to be a complete and up-to-date description. Check online for current version at <u>store.hochikieurope.com</u>