

# ekho

## EK-WL8-H

### Hybrid Wireless A1R Heat Sensor

#### Features

- ▶ Approved to EN54-5 and 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
- ▶ Self optimising wireless amplitude and frequency
- ▶ Designed for use with Ekho Translator and Expander modules.



#### Description

The EK-WL8-H is a wireless A1R heat sensor. It is a fully intelligent device and compatible with the Ekho wireless Translator and Expander modules.

The sensor is designed for installations where smoke detection technology is not suitable.

The 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

Ordering code	EK-WL8-H	
Operating frequency range	866 - 870 MHz	
Communication range (in open air)	1200 m	
Modulation type	GFSK	
Operating frequency channels	6	
Max. radiated power	≤ 25 mW	
Class A1R	58 °C max.	
Operating temperature range	- 10 °C to + 55 °C	
Max. tolerated humidity (non condensing)	95% RH	
Dimensions (mm)	160 / ø 111 x H 65	
Power supply (Dual 3V lithium batteries)	1 x Primacy cell (CR123A)	1 x Secondary cell (CR2032A)
	1.2 Ahr	0.24 Ahr
	Up to 10 years primary battery life*	3 months

#### Standards & Approvals

BS EN 54-5: Heat Point Detectors

BS EN54-25: Components using radio links



\*Dependant on operational usage