

EK-WL8-HS

Hybrid Wireless A1R Heat Sensor with Sounder

Features

- ▶ Approved to EN54-3, 5 and 25
- ▶ RED compliant
- ▶ Sounder Incorporated
- ▶ 4 selectable Tones
- ▶ 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
- ▶ Compatible with Ekho Translator/Expander modules.



Description

The EK-WL8-HS is a Wireless A1R Heat sensor that incorporates a four tone Sounder.

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.

Specifications

Ordering code	EK-WL8-HS	
Operating frequency range	866 - 869.5 MHz	
Communication range (in open air)	1200 m	
Modulation type	GFSK	
Operating frequency channels	6	
Max. radiated power	≤ 25 mW	
Sound pressure level at 1m	>96 dB(A) for all modes	
Class A1R	58 °C max.	
Operating temperature range	- 10 °C to + 55 °C	
Max. tolerated humidity (non condensing)	95% RH	
Dimensions (mm)	200 / ø 111 x H 57	
Power supply (Dual 3V lithium batteries)	1 x Primacy cell (CR123A)	1 x Primacy cell (CR123A)
	1.2 Ahr	1.2 Ahr
	Up to 10 years primary battery life*	8 months secondary battery life

Standards & Approvals

BS EN 54-3: Sounders

BS EN54-25: Components using radio links

BS EN 54-5: Heat Point Detectors



For further information visit our website.
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