

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



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