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Illumino Ignis Ltd™
LIGHTING & FIRE DESIGN, SUPPLY & SUPPORT

Hybrid Wireless Single Input Module

Radio - Devices

Part No. EK-WL8-IN

www.illuminoignis.co.uk

Product Details

The EK-WL8-IN is a Single Channel Input Module providing a convenient and cost effective solution for monitoring third party equipment.

The module is also controllable from the Fire Control Panel via the cause and effect programming and offers the same level of flexibility as a standard addressable module. Optional back box available.



Key Features

- Approved to EN54-18 and 25
- RED compliant
- Monitored Input
- Bi-directional wireless communication
- Self optimising wireless amplitude and frequency
- Tamper Switch
- Up to 10 years battery life*.

Technical Specifications

Operating frequency range	866 - 869.85 MHz	
Communication range (in open air)	1200 m	
Modulation type	GFSK	
Operating frequency channels	6	
Max. radiated power	≤ 25 mW	
Time period between wireless signal transmissions	2 minutes	
Operating temperature range	- 10 °C to + 55 °C	
IP Rating	IP41	
Max. tolerated humidity	95% RH (non-condensing)	
Weight (g) / Dimensions (mm)	70 / H 109 x W 37 x D 30 (without back box)	
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 secondary battery life

Standards & Approvals

EN54-18 Input/Output devices

EN54-25 Components using radio links

*Dependant on operational usage

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