

EK-WL8-OV/AU

Wireless Optical Smoke Detector with Built in Voice Annunciator and VAD

Features

- ▶ Approved to AS ISO 7240 Parts 3, 7, 23 & 25
- ▶ RED compliant
- ▶ Voice Sounder and VAD Incorporated 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 all Ekho Translator/Expander modules.



Description

The EK-WL8-OV/AU is a wireless optical smoke sensor that incorporates a voice sounder and visual alarm device (VAD) with white LED's and 0.5 Hz flash rate.

improved performance, which can contribute to reducing unwanted alarms. Utilising well-proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability are achieved.

The sensor utilises optical smoke detection technologies and algorithms

Specifications

Ordering code	EK-WL8-OV/AU	
Operating frequency range	918 - 926 MHz	
Communication range (in open air)	1200 m	
Modulation type	GFSK	
Operating frequency channels	6	
Max. radiated power	≤ 25 mW	
Number of messages	3 (only one message can be played at any one time)	
Sound pressure level @ 1m	>91 dB(A) for all messages	
Frequency range	500 - 3500 Hz	
VAD LED colour / Rating	White / C-3-2.6	
Flash frequency	0.5 Hz	
Operating temperature range	- 10 °C to + 55 °C	
Max. tolerated humidity	95% RH (non-condensing)	
Weight (g) / Dimensions (mm)	215 / ø 111 x H 74	
Power supply (Dual 3V lithium batteries)	1 x Primary cell (CR123A)	1 x Secondary cell (CR123A)
	1.2 Ahr	1.2 Ahr
	8 - 10 years primary battery life*	8 months secondary battery life

Standards & Approvals

AS ISO 7240-3: Sounders

AS ISO 7240-23: Visual Alarm Devices

AS ISO 7240-7 Smoke Detectors

AS ISO 7240-25: Components using radio links

