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

Radio Combined Sounder and Optical Smoke Detector with LED Beacon

Radio - Devices

Part No. EDA-R6030

www.illuminoignis.co.uk

Product Details



The combined sounder detector has been further refined to add a flashing beacon to the unit. Based on the successfull Millennium and Zerio systems the new Zerio Plus device increases the flexibility of the system especially where designers are working with the requirements of the Disability DiscriminationACT(DDA).

Offering the advanced features of the Zerio Plus detector, the unit is housed in an attractive moulding and shares a common fixing and is interchangeable with the existing Zerio Plus detectors.

The combined detector contains a powerful processor and utilises surface mount technology to achieve the ultimate in performance and reliability. The sounder section utilises a high output sounder, switch mode power supply and a sensitive narrow band FM receiver. The LED beacon uses revolutionary technology to be able to deliver the power required to illuminate the very bright beacon.

The unit is fully programmable and is capable, as is the usual sounder detector, of being divided into 255 individually controlled areas.

Fully configurable by radio, the combined detector stores a unique serial number and length of time in service in its non-volatile memory. The combined detector is designed to comply with all appropriate sections of EN54.

Key Features

- EN54 Part 25
- Hign Intensity LED Beacon
- Fully Addressable
- Selectable Sensitivity
- Up to 5 Year Battery Life
- Small Attractive Compact Design
- Automatic Drift Compensation
- Pre-Alarm Warning
- Head Dirty Warning
- Compatible with Zerio Plus Panels

Order Codes

- EDA-R6030 Radio Combined Sounder and Optical Smoke Detector with LED Beacon
- EDA-Q670 Spare Battery Pack (2 required)
- EDA-Q580 Device locking screw

Technical Specifications

Power source	2 x Dual lithium cells	
Battery life	Up to 5 years	
Battery Pack	2 x EDA-Q670	
Detector type	Optical	
Alarm Leve	Programmable	
Temperature range	0C to +60C	
Humidity	0 to 95% (no condensation)	
Audibility	90dB at 1m	
Tones	16	
Construction	Insect Screen	Stainless Steel Foil
	Casing	Injection Moulded U.V. Stabilised ABS Plastic
	Electronic	Surface Mount Technology
Options	Multiple Sensor Lockable Head Coloured Body	

Weight (Including Base)	250g (approx.)	
Dimensions (Including Base)	Height	80mm
	Diameter	115mm
Indications	High intensity clear LED	
	Alarm	Red Solid
	Fault	Red Flashing
	Log-on Mode	Green Solid
Audible Warning	Sounds in alarm, device re-calibration and test mode	
Fixing Holes	2 x 4mm (No. 6 screws) 50mm spacing	
Terminal Capacity	2 x 1.5mm2	
Cable Entry	25 x 14 mm rear entry only	
Finish	White Polished Colours optional	

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Technical Information

Selectable sensitivity set by control panel Self calibration / drift compensation Adjustable alarm verification time interval Conforms to appropriate parts of BS5445, BS5839 and EN54

Powered by 2 independent AA lithium cells Low current technology with a battery life of up to 5 years

Surface mount technology giving maximum reliability

Transmitter frequency: 868 Mhz

Transmission type: Narrow Band FM

Channels: 13 Available

Electronic serial number

65000 system numbers

Short transmission time

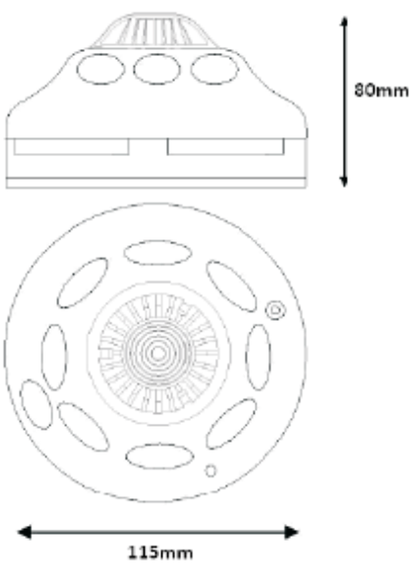
Complex error checking

Internal monitoring and fault diagnostic reporting Fault and alarm count

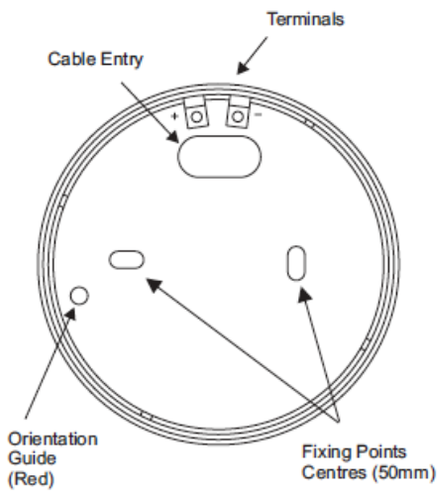
Narrow gauge mesh to prevent ingress of foreign bodies

Security locking screw (supplied separately)

Dimensions



Detector Base Outline



In the pursuance of a policy of continued product improvement Electro-Detectors Ltd. reserves the right to change the design and specification without prior notice. The quoted battery life is a theoretical calculation based on device performance under normal operating conditions in conjunction with the specification provided by the battery manufacturer. The figures provided are intended as a guide and therefore cannot be assumed to be a guarantee of the actual life achieved.All details were correct at time of printing.

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