Ei Electronics®
fire + gas detection

Ei161e - Ionisation Smoke Alarm

Mains Powered 230V~
Rechargeable Battery Back-up



Key Features

- Ionisation sensor
- Hardwire interconnect
- Wireless interconnect when fitted with Ei100MRF RadioLINK+ module
- Easi-fit base
- Easy to use large Test/Hush button
- Memory feature
- 5 year guarantee

Product Description

The Ei161e Ionisation Smoke Alarm is fitted with a proprietary sensor to quickly sense high energy smoke particles from fast flaming fires. Powered by 230V AC with a rechargeable 10 year built in battery back-up supply to ensure continuous operation (up to 4 months) in the event of a power failure.

The Alarm is supplied with the "**Easi-fit"** base to facilitate quick and simple installation, combined with easy detector head removal and replacement. The Easi-fit base automatically connects both mains power and battery as the detector head slides on.

The Ei161e may operate as a standalone Alarm or may be interconnected via hardwire or wirelessly with the optional Ei100MRF RadioLINK+ module (sold separately) to communicate with compatible Ei Alarms and accessories. Up to 12 devices can be interconnected.

The Alarm automatically monitors the battery every 40 seconds. If it is depleted, it will give a short beep every 40 seconds.

The Alarm is fitted with a large Test & Hush button to facilitate frequent testing of your Alarm. This will check the sounder, battery voltage and internal circuitry.

The memory feature allows an Alarm that has previously activated to be easily identified (the red LED flashes twice every 40 seconds for 24 hours after the event).

Technical Specification

Sensor Type:	Ionisation
Product Life:	10 Years
Supply Voltage:	230V AC, 50Hz
Battery back-up:	Rechargeable lithium battery backup
Sound Level:	85 dB(A) at 3m
Button Test:	Simulates the effect of smoke and checks chamber, electronics and horn
Silence function:	Silences alarm for 10 minutes
Visual indicators:	Green LED : Power Red LED: Self-check, alarm, hush & memory
Memory feature:	2 red flashes every 40s to indicate a previous alarm activation
Fixing:	Screw fixing and Easi-fit base supplied
Normal Operating and Storage Temperature:	Range -10°C to 40°C [1]
Normal Operating and Storage Humidity Range	15 % to 95 % Relative Humidity (non-condensing)
Plastic material:	UL94VO flame retardant
Dimensions:	Product - 150mm x 55mm Package - 180mm x 155mm x 62mm
Weight:	325g (Pack +68g)
Warranty:	5 year (limited) warranty
Approvals:	CE KM522831 BS EN14604:2005

Manufactured to ISO 9001 quality standards
Specifications are subject to change

1. Temperature and Humidity conditions are for normal operation and storage. Units will function outside these ranges as required by the specific product Standards. Extended exposure to conditions outside these ranges can reduce product life. For advice on prolonged operation outside these ranges consult the manufacturer.

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E & OE As our policy is one of continuous product development, we reserve the right to alter product details without prior notice.

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