

# Ei161e - Ionisation Smoke Alarm

**Mains Powered 230V~  
Rechargeable Battery Back-up**

## Key Features

- ▶ Remote test + control – wired & wireless
- ▶ Integrated piezo-electrical sounder
- ▶ Easi-fit base
- ▶ Test/Silence button
- ▶ Memory
- ▶ Low battery indication
- ▶ Hardwire interconnect
- ▶ Wireless interconnect when fitted with Ei100MRF **RadioLINK<sup>+</sup>** module
- ▶ Kitemarked to BS EN14604:2005
- ▶ 5 year guarantee

## Product Description

The Ei161e is an Ionisation Smoke Alarm with 230V AC mains power supply and rechargeable lithium battery back-up.

The Ei161e family of Alarms have been designed for households and similar residential applications including HMO's (houses in multiple occupation)

The Ei161e 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 to other Alarms via a wired or wireless system. For **RadioLINK<sup>+</sup>** interconnection simply plug in the optional **RadioLINK<sup>+</sup>** module, saving time, mess and disruption in running interconnect cabling.

The Alarm is fitted with a Test / Silence button to facilitate frequent testing of your Alarm and System. The Silence function allows the Alarm / System to be silenced in the case of a false / nuisance alarm, e.g. cooking fumes.

The Ei161e is fitted with a mains "power on" green LED indicator and yellow LED indicator for fault conditions.

The memory feature allows an Alarm that has previously activated to be easily identified.



## Technical Specification

|                          |   |
|--------------------------|---|
| <b>Sensor Type:</b>      | Ionisation  |
| <b>Supply Voltage:</b>   | 230V AC, 50Hz   |
| <b>Battery back-up:</b>  | Rechargeable lithium backup battery   |
| <b>Sound Level:</b>      | 85 dB(A) at 3 meters  |
| <b>Temperature:</b>      | Operating - 0 to 40°C<br>Storage - 0 to 35°C (in a dry area)  |
| <b>Humidity Range:</b>   | 15% to 95% Relative Humidity  |
| <b>Button Test:</b>      | Simulates the effect of smoke and checks chamber, electronics and horn  |
| <b>Self-Test:</b>        | Smoke Chamber is automatically tested every 40 seconds and unit beeps (without red LED flash) if it is degraded |
| <b>Insect Screen:</b>    | Prevents insects or debris entering chamber (1.00mm mesh size)  |
| <b>Plastic material:</b> | UL94VO flame retardant  |
| <b>Dimensions:</b>       | Product - 148mm x 54mm<br>Package - 153mm x 153mm x 62mm  |
| <b>Weight:</b>           | 325g (Pack +68g)  |
| <b>Warranty:</b>         | 5 year (limited) warranty   |
| <b>Approvals:</b>        |   |



Kitemarked to  
BS EN14604:2005

Specifications are subject to change