Ei Electronics®
fire + gas detection

BROOKS

EIB166e - Photoelectric Smoke Alarm

Mains Powered 230V~
Rechargeable Battery Back-up

Key Features

▼ Remote Test + Control – Wired & Wireless
▼ Integrated Piezo-electrical sounder
▼ Easi-fit base
▼ Insect screen
▼ Test/Silence button
▼ Memory
▼ Low battery indication
▼ Hardwire interconnect
▼ Wireless interconnect when fitted with EIB100MRF **RadioLINK⁺** module
▼ Conforms to AS 3786:2014 + A1:2015
▼ 5 year guarantee

Product Description

The EIB166e is a Photoelectric Smoke Alarm with 230V AC mains power supply and rechargeable lithium battery back-up.

The EIB160e family of Alarms have been designed to cover all housing and residential applications.

The EIB166e is supplied with the Easi-fit base to facilitate quick and simple installation, combined with easy Alarm head removal and replacement. The Easi-fit base automatically connects both mains power and battery as the Smoke Alarm head slides on.

The EIB166e may operate as a standalone Alarm or may be interconnected to other Alarms via a wired or wireless system. For **RadioLINK⁺** interconnection simply plug in the optional **RadioLINK⁺** 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 EIB166e 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

Sensor Type:	Photoelectric
Supply Voltage:	230V AC, 50Hz
Battery back-up:	10-year Rechargeable lithium backup battery
Sound Level:	85 dB(A) at 3 meters
Temperature:	Operating - 0 to 40°C
	Storage - 0 to 35°C (in a dry area)
Humidity Range:	15% to 95% RH (Non condensing)
Button Test:	Simulates the effect of smoke and checks chamber, electronics and horn
Self-Test:	Smoke Chamber is automatically tested every 40 seconds and unit beeps (without red LED flash) if it is degraded
Insect Screen:	Prevents insects or debris entering chamber (1.00mm mesh size)
Plastic material:	UL94VO flame retardant
Dimensions:	Product - 148mm x 54mm
	Package - 153mm x 153mm x 62mm
Weight:	336g (Pack +68g)
Warranty:	5 year (limited) warranty
Approvals:	AS3786:2014 + A1:2015

Accessories

Hardwire: EIB128, EIB128RBU, BAVISA240, BAALOC and BAAISO / BAATLS (EIBPLATE must be used)

Wireless: EIB450, EIB411RF, EIB170RF, EIB413RF, EIB407RF, EIB408RF, EIB408RFH, EIB428RF and EIB168RC.

Interconnection Compatibility: EIB160e Series, EIB140RC series and TL series.

Note: For full specification and limitation of use refer to the specific product data sheet

Due to continual product development, Brooks reserve the right to alter product details and specifications without prior notice.