Ei Electronics®
fire + gas detection

BROOKS

EIB650iC - Photoelectric Smoke Alarm

10-Year Lithium Battery Powered~ Hardwired Interconnect

Key Features

▼ High performance photoelectric chamber
▼ Automatic dust compensation
▼ Optional Wireless interconnect facility (optional EIB600MRF module required)
▼ AudioLINK enabled
▼ Easy to install - no wiring required
▼ Large easy to use Test button
▼ Silence nuisance / false alarms
▼ Built-in sounder - 85dB(A) at 3 metres
▼ Alarm Fault warnings
▼ Specific Fault Led and diagnostic procedures
▼ Conforms to AS3786:2014
▼ 5 Year Guarantee (limited)

Technical Specification

Sensor Type:	Photoelectric Chamber
Battery:	10-Year Lithium battery (non replaceable)
Sound Level:	85 dB(A) at 3 metres
Diagnostics:	Procedures available
AudioLINK:	Enabled
Interconnect:	Hardwire interconnect up to 12 Alarms
	Optional Wireless interconnect - fit alarm with EIB600MRF module
Temperature:	Operating - 0°C to 40°C
	Storage - 0°C to 35°C (in a dry area)
Humidity Range:	15% to 95% Relative Humidity
Button Test:	Simulates the effect of smoke and checks chamber, electronics and horn
Plastic material:	UL94 HB
Dimensions:	Product - 115mm x 50mm
Weight:	185g
Warranty:	5 year (limited) warranty
Approvals:	AS3786:2014
	Manufactured to ISO 9001:2000 quality standards

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Product Description

The EIB650iC Photoelectric smoke alarm operates on the light scatter principle to detect smoke particles entering the photoelectric chamber.

The automatic dust compensation feature minimises nuisance alarms due to dust build up in the photoelectric chamber.

The EIB650iC is supplied with screw fixings with simple to install twist on base. The EIB650iC is fitted with a large easy to use Test Button to facilitate frequent testing of the Alarm. The Test button can also be used to silence nuisance alarms, e.g. cooking fumes, for a 10 minute period.

The EIB650iC self-checks its chamber sensor, battery voltage and internal circuitry every 40 seconds. Any fault condition found will be indicated by a combination of Red LED flashes and/or sound beeps.

The EIB650iC is designed with advanced diagnostics to help pre-warn of incumbent fault conditions. The EIB650iC offer a choice of 2 means of interconnection:

a) wirelessly through the installation of the optional EIB600MRF module fitted into the rear of the smoke alarm.

b) hardwired through a simple 2 wire terminal block in the base of the Alarm. Other compatible Alarms may then be connected.

The AudioLINK feature is a means of extracting Alarm specific event data and transmitting acoustically to a unique designed Smart Phone App.