

# EIB605C - Photoelectric Smoke Alarm

9V Battery Powered  
Hardwire interconnection

## Key Features

- ▶ High performance photoelectric chamber
- ▶ 9V Alkaline battery
- ▶ Optional upgrade for wireless interconnect with EIB605MRF RadioLINK module
- ▶ Early detection to standard domestic fires
- ▶ Large easy to use Test/Hush button
- ▶ Silence nuisance/false alarms
- ▶ Built in sounder - 85dB(A) at 3 metres
- ▶ Alarm Fault warnings
- ▶ Conforms to AS3786:2014 + A1:2015
- ▶ 5 Year guarantee

## Product Description

The EIB605C Photoelectric Smoke Alarm operates on the light scatter principle to detect smoke particles entering the photoelectric chamber. This Photoelectric Smoke Alarm is sensitive to all domestic fire types but is especially sensitive to visible smouldering fires.

The EIB605C modular design allows it to be upgraded for RadioLINK functionality with the addition of an RF module EIB605MRF.

The EIB605C is powered by a 9V Alkaline battery (supplied).

The EIB605C is supplied with screw fixings with simple to install twist on base. The twist on action activates an internal switch and powers on the alarm. The EIB605C 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 sounder will automatically stop sounding when smoke particles are no longer present in the chamber.

The EIB605C 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.

Up to 12 battery powered smoke and heat alarms may be linked using hardwire or RF connectivity. RadioLINK enabled smoke and/or heat alarms can be house coded as a system to prevent communication with other nearby RadioLINK systems.

The alarm is not powered until it is twisted onto the mounting base, thus avoiding battery power consumption during storage and prior to installation.



## Technical Specification

<b>Sensor Type:</b>	Photoelectric
<b>Supply Voltage:</b>	9V Alkaline replaceable battery (supplied)
<b>Interconnect:</b>	Hardwire interconnect (Up to 12 interconnected devices)
<b>Sound Level:</b>	85 dB(A) at 3m
<b>Button Test:</b>	Simulates the effect of smoke and checks chamber, electronics and horn
<b>Indicator LED's:</b>	<b>Power</b> - Red LED flashes every 40 seconds <b>Alarm</b> - Red LED flashes rapidly and sounder is activated on alarm sensing fire and all interconnected alarms
<b>Fixing:</b>	Screw fixings and mounting plate supplied
<b>Normal Operating and Storage Temperature:</b>	Range 0°C to 40°C <sup>1</sup>
<b>Normal Operating and Storage Humidity Range</b>	15 % to 95 % Relative Humidity (Non-condensing)
<b>Dimensions:</b>	Product -115mm x 50mm
<b>Weight:</b>	185g
<b>Warranty:</b>	5 year (limited) warranty
<b>Approvals:</b>	Photoelectric: AS3786:2014 + A1:2015



Manufactured to ISO 9001:2008 quality standards.

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.

## Compatibility

**Hardwire Interconnection:** EIB603C, EIB603TYC, EIB605C, EIB605TYC, EIB650iC

**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.

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