Smoke Alarm

9V Battery Powered

RadioLINK PROFESSIONAL Communication Capability

Model EIB605C Photoelectric

- **Interconnect up to 12 battery powered alarms**
- **Optional upgrade to RadioLINK PROFESSIONAL interconnect**
- **Early detection to all standard domestic fires types**
- **Built-in high audibility warning sounder**
- **Large Easy to use Test/Hush button**
- **Hush Feature allows nuisance alarm control**
- **Easy to install twist-on base design**
- **Aesthetically pleasing, compact design**
- **Innovative and robust optical chamber design**
- **Low battery warning**
- **Manufactured in Ireland to ISO 9001:2000**
- **Certified to AS3786**
- **EN 14604:2005 3rd party approved**
- **5 year Guarantee**



Product Description

The EIB605C is an Photoelectric (Optical) Smoke Alarm using the light scatter principle, giving a quick response to all standard fires. It's powered by a 9V replaceable alkaline battery (supplied with the alarm)

The EIB605C is designed for simple installation, commissioning and maintenance

The EIB605C has a large, easy to use, combined Test/Hush button enables full testing of the alarm and the ability to silence nuisance alarms.

The EIB605C has an innovative high performance optical chamber with integral fixed insect screen reducing the possibility of nuisance alarms.

The EIB605C maybe hardwire interconnected to twelve battery powered alarms enabling all alarms to sound if just one of the interconnected alarms should be triggered.

The EIB605C modular design allows it to be upgraded for RadioLINK PROFESSIONAL functionality with the addition of the EIB605MRF Radio frequency module.

Operation

- The smoke detector will activate the built in sounder upon sensing smoke particles. It will automatically reset and silence the alarm when the smoke particles are no longer present in the chamber.
- The red indicating LED will flash once every 40 seconds to show that the alarm is powered and it has performed an automatic self-test.
- The built in sounder will provide a minimum sound output of 85dB at 3m.
- Pressing and holding the "Test/Hush" button will perform a self test and sound the horn – checking the chamber, electronics and horn.
- Momentarily pressing the "Test/Hush" button when an alarm is sounding will set the alarm into "HUSH" mode. This reduces the sensitivity for a period of 10 minutes, after which the alarm automatically resets – providing control over nuisance alarms.
- The smoke detector will emit a beep every 40 seconds to indicate that the battery is near depletion and needs replacing.

BROOKS fire • evacuation • warning systems

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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.

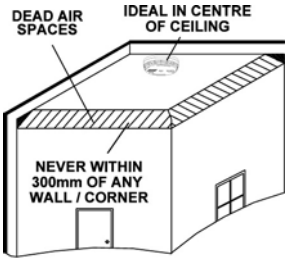
Model EIB605C Optical

Technical Specification

Sensor:	Optical, uses light scatter from smoke particles
Sensitivity:	Complies with the requirements of BS EN 14604: 2005
Airspeed:	Essentially immune to the effect of airspeed.
Button Test:	Simulates the effect of smoke to check the chamber, electronics and horn.
Hush:	Silences nuisance alarm. Automatically resets after approximately 10 minutes.
Supply Voltage:	9V Battery
Power-On Indicator:	Red LED flashes through cover every 40 seconds
Alarm:	Piezoelectric-horn (built-in)
Alarm Sound Output:	85dB (minimum) at 3m
Temperature Range:	0 to 40°C
Humidity Range:	15% to 95% Relative Humidity – non condensing
Interconnect:	Hardwire interconnect up to 12 battery powered alarms. A combination of up to 12 battery and Mains powered alarms maybe RadioLINK interconnected.
Fixing:	Screw fixings supplied
Dimensions:	115mm (diameter) x 45mm (height)
Weight:	200 grams
Warranty:	5 year (limited) warranty
Approvals:	Certified to AS3786 VdS approved to BS EN14604:2005, CE approved, Manufactured to ISO 9001:2000 quality standards.

Specifications are subject to change

Installation & Placement



Alarms should be placed in accordance with the general guidelines shown in the diagram above. These recommendations are based on the problem of areas of “dead air” close to corners of rooms and apexes of ceilings, which could result in the prevention of smoke reaching the smoke detector

Please consult the Instruction Leaflet supplied with the EIB605C for detailed instructions as to how to correctly install and position the smoke detector

Important Precaution:
Do not install the actual smoke/heat alarm itself in new or renovated buildings until all work is completed (including floor coverings) and the building has been fully cleaned. (Excessive dust and debris from building work can contaminate the smoke chamber and cause problems, and it will also invalidate the guarantee). If it must be installed, cover it completely, particularly around the edges, with a dust cover (eg. a plastic bag), until all cleaning is finished..

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