Ei Electronics®
fire + gas detection

BROOKS

EIB650iCRF - Photoelectric Smoke Alarm

10-Year Lithium Battery Powered~ RadioLINK Interconnection

Key Features

- Battery powered for life with a non replaceable 10-year lithium battery
- High performance photoelectric chamber, best for slow smouldering fires
- RadioLINK module fitted for wireless interconnection
- Easy to install, no wiring
- Large easy to use Test/Hush button
- Silence nuisance/false alarms
- 5 Year Guarantee (limited)
- Conforms to AS3786:2014

Product Description

The EIB650iCRF battery photoelectric smoke alarm with RadioLINK operates on the light scatter principle to detect smoke particles entering the photoelectric chamber. The alarm is sensitive to all domestic fire types but is especially sensitive to visible smouldering fires.

The EIB650iCRF is fitted with a RadioLINK module. This will allow the alarm to be interconnected to other RadioLINK alarms and devices. Up to 12 alarms and devices can be interconnected. An interconnected system will enhance early detection and warning of fire.

The EIB650iCRF is powered for life by a 10-year lithium battery and the RadioLINK module has its own lithium battery power supply. This ensures that the battery will never require changing through its intended working life. This ensures that the battery life will be maximised. The EIB650iCRF will give an audible and visual indication that the battery is low and the alarm has reached the end of its useful life.

The EIB650iCRF is fitted with a large easy to use Test/Hush button to facilitate frequent testing of the alarm. The Test/Hush button can 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. It will also send a cancel signal to stop all other alarms sounding.

The EIB650iCRF is supplied with screw fittings and a simple to install twist on base for an easy installation.

Technical Specification

Sensor Type:	Photoelectric Chamber
Battery:	10-Year Lithium battery (non replaceable)
Sound Level:	85 dB(A) at 3 metres
Interconnect:	Wireless or hardwire interconnect (up to 12 interconnected devices)
Temperature:	Operating - 0°C to 40°C[1] 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
Self Test:	Smoke chamber, battery and electronics are automatically tested every 32 seconds
Indicator LEDs:	Red - Alarm, Low battery, Fault Blue - House Code, RF transmission Red Blue Green - Remote house code Green - Monitoring Red Blue - Monitoring head removal
Memory:	Red LED with flash twice every 16 seconds indicating recent Alarm event
RF Frequency:	926MHz
Dimensions:	Product - 115mm x 50mm Package - 120mm x 120mm x 55mm
Weight:	209g (boxed 264g)
Warranty:	5 year (limited) warranty
Approvals:	AS3786:2014 + AS4268 Manufactured to ISO 9001:2000 quality standards

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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

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

Hardwire Interconnection: EIB605TYC, EIB603C and EIB603TYC

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