



EIB650iRF

Photoelectric Smoke Alarm with RadioLINK+ Module

10 Year Non-removable Lithium Battery

The EIB650iRF is a photoelectric smoke alarm, powered by a 10 year built in lithium battery. It is fitted with a photoelectric sensor to quickly sense low energy smoke particles. Sensitive to all domestic fire types, however it is especially sensitive to smouldering fires.

The alarm comes fitted with the EIB600MRF RadioLINK+ module to facilitate wireless RF interconnection. Up to 12 devices can be interconnected². For alarms to be interconnected wirelessly they must be house coded as a system to prevent communication with other nearby RF systems.

Features built-in AudioLINK+ technology for acoustic alarm data and status downloads via the AudioLINK+ app.

KEY FEATURES

- High performance photoelectric sensor
- RadioLINK+ wireless interconnection
- Wirelessly interconnect up to 12 devices²
- Built in AudioLINK+ data extraction technology
- Automatic dust compensation
- Twist on base with anti-tamper locking option

COMPATIBILITY

Wireless: EIB100MRF, EIB168RC, EIB170RFAU, EIB171RFAU, EIB3000MRF, EIB407RF, EIB408RF, EIB408RFH, EIB411RF, EIB413, EIB420RF, EIB428RF, EIB450, EIB600MRF, EIB605MRF, and any alarm fitted with the RF module.

Note: for full specifications and limitations, refer to the specific product data sheet.

SPECIFICATION

Sensor Type	Photoelectric (Type A)
Supply Voltage	3v Lithium Battery (non-replaceable)
Interconnectable	Via wireless RF RadioLINK+ module
RF Frequency	926MHz band (1% duty cycle)
RF Power	+10dBm
RF Range	>100m in free air ¹
Sound Level	85 dB(A) at 3m (except in Test mode)
Button Test	Checks sensor, electronics, interconnection & horn
Indicator LED's	Red & Yellow - Power up Red - Alarm, Test, Silence & Memory Mode Yellow - Fault, End of Life / Blue - RF Transmission
Fixing	Screw fixings and mounting plate supplied
Temperature Range	-10°C to 40°C ³
Humidity Range	15% to 95% Relative Humidity (non-condensing) ³
Dimensions	Product: 115mm x 50mm Packaging: 120mm x 150mm x 56mm
Weight	215g (Pack + 40g)
Warranty	5 year (limited) warranty
Approvals	AS 3786:2014 & AS 3786:2023 Module: AS/NZS 4268:2012 Interconnection: NZS 4514:2021



Manufactured to ISO 9001 quality standards

¹ Obstructions of any sort will result in a reduction in range from the free space specification. The range may vary depending on installation.

² Please contact Brooks for further advice if additional RF devices are required.

³ 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.