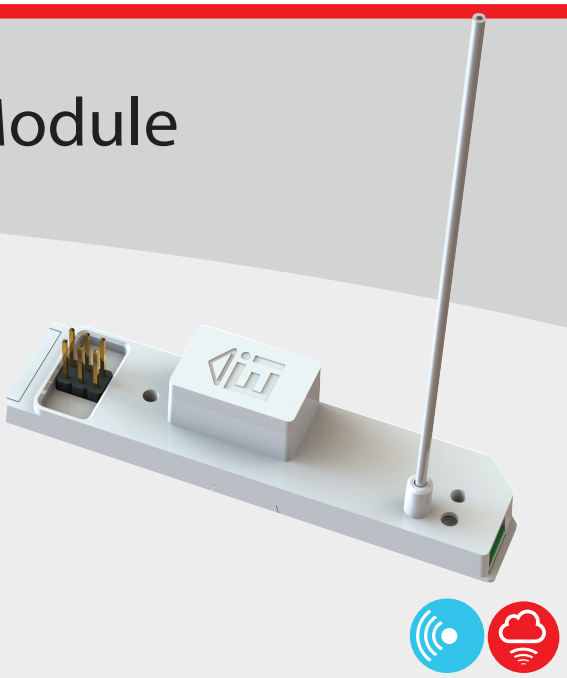
BROOKS
Fire Products & Solutions

EIB3000MRF - SmartLINK Module

RF Wireless Interconnection
Powered from the Alarm



Key Features

- RF Upgrade for Mains Powered 3000 Series Alarms
- Interconnect up to 12 devices wirelessly
- Remote Alarm Learn entry
- Transmits, receives and repeats RF specific data
- RF mesh architecture
- Unique House Coding feature
- Simple plug in modular design
- RF data download
- Powered from the Alarm head
- 5 Year Guarantee

Product Description

The EIB3000MRF is an optional add-on **SmartLINK** module for the EIB3000 series Alarms. It enables the Alarm to communicate wirelessly with other Brooks RF devices. Up to 12 devices can be interconnected[2]. It also facilitates a hybrid communication of hardwired and wireless connections.

The module simply plugs into the designated slot in the base of the Alarm head. On powering up the Alarm, the RF LED on the side of the Alarm will flash red, blue and green to indicate that the module has been fitted correctly.

The EIB3000MRF module is a short range device using a transceiver to transmit, receive and repeat the RadioLINK RF protocol. This ensures a robust "mesh" of RF signals and reliable paths of communication.

The house coding feature confines the RF communication to designated RF devices only, thereby avoiding the inadvertent activation of neighbouring Alarm RF systems.

The Remote Alarm Learn entry feature allows the installer to re-activate the entire RF system house coding from one device. Additional devices can then be added and house coded accordingly.

The EIB3000MRF facilitates a monitoring (or buddy system) function that recognises system tampering or alarm head removal. In monitoring mode each Alarm will check the presence of its strongest received RF signal.

Technical Specification

Supply Voltage:	Powered from Alarm
RF Frequency:	926 MHz band (1% duty Cycle)
RF Power:	+10dBm
RF Range:	> 100 Metres in free air [1]
Protocol Type:	Mesh architecture
RF Protocol:	RadioLINK
System size:	Up to 12 RF devices [2]
Visual Indicators:	3 colour LED: **Blue, Green** and **Red**
Data Download:	Via EIBUSB1
Normal Operating and Storage Temperature Range:	-10°C to 40°C [3]
Normal Operating and Storage Humidity Range:	15 % to 95 % Relative Humidity [3] (non-condensing)
Plastic material:	UL94VO flame retardant
Dimensions:	Product - 80mm x 18mm x 16mm
Weight:	10g.
Warranty:	5 year (limited) warranty
Approvals:	AS/NZS 4268:2017

Manufactured to ISO 9001 quality standards
Specifications are subject to change

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 us 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.

Compatibility
Wireless: EIB450, EIB411RF, EIB413, EIB170RFAU, EIB408RF, EIB408RFH, EIB428RF, EIB168RC & EIB407RF.
Note: for full specifications and limitations, 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.

Head Office: Sydney, 4 Pike Street, Rydalmere 2116 | PO Box 7050 Silverwater BC1811
Regional Offices: Melbourne - Brisbane - Adelaide - Perth - Auckland
www.brooks.com.au - Toll Free 1300 783 473

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