

# EIB600MRF - RadioLINK<sup>+</sup> Module

## RadioLINK<sup>+</sup> RF Wireless Interconnect

### Key Features

- RF Upgrade for EIB650iC/EIB650iW and EIB603TYC
- Simple plug-in modular design
- Interconnect up to 12 wireless alarms/devices
- Transmits, receives and repeats RF specific data
- Multi-path communication protocol
- Unique house coding confines communication to selected RadioLINK devices
- Remote alarm learn entry
- RF monitoring
- Alarm status & parameter information download via RadioLINK tool
- Powered through primary lithium battery
- Conforms to AS/NZS4268:2012
- 5-year guarantee

### Product Description

The EIB600MRF is an optional add-on RadioLINK<sup>+</sup> module for the EIB650iC/EIB650iW and EIB603TYC alarms. The module simply plugs into the designated slot in the base of the alarm head. The immediate flashing LEDs indicates that the module has been fitted correctly.

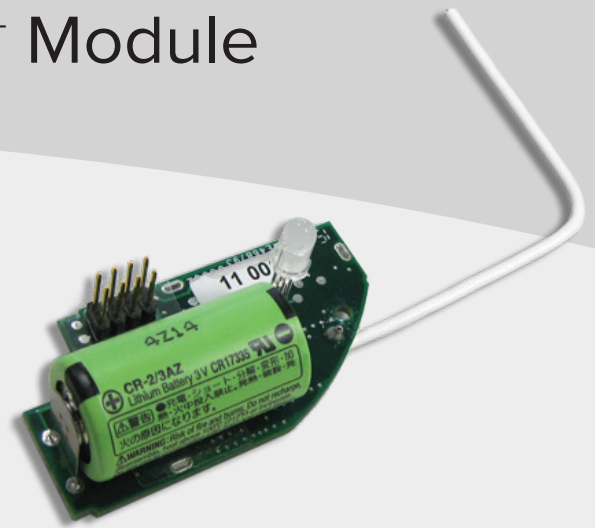
The EIB600MRF module facilitates wireless interconnection with up to 12 RadioLINK devices.

The EIB600MRF 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 RadioLINK 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.

RF monitoring of the signal paths is facilitated through a “buddy” system. Each device will “buddy up” to at least one other device. If the signal path fails, the “buddy” will transmit a communication lost signal. Information such as alarm events, fault events, test activations and alarm head removals can now be downloaded using the RadioLINK tool.



### Technical Specification

<b>Supply Voltage:</b>	3V lithium battery
<b>Frequency:</b>	926MHz band (1% duty Cycle)
<b>RF Power:</b>	+10dBm
<b>RF Protocol:</b>	Proprietary RadioLINK <sup>+</sup> using multi-path, multi-repeater mesh architecture
<b>RF Range:</b>	> 100 metres in free air
<b>System size:</b>	12 RadioLINK devices
<b>Indicators:</b>	Blue LED - typically RF transmission, house code mode indicator, code reset Green LED - typically monitoring mode indicator, alternating with blue LED to indicate monitoring success Red LED - typically monitoring mode cancel, alternating with Blue LED to indicate monitoring failure
<b>Temperature:</b>	Operating - 0°C to 40°C Storage - 0 to 35°C (in a dry area)
<b>Humidity Range:</b>	15 % to 95 % Relative Humidity
<b>Dimensions:</b>	Product - 60mm x 30mm x 20mm
<b>Weight:</b>	25g
<b>Warranty:</b>	5 year (limited) warranty
<b>Approvals:</b>	Module: AS/NZS4268:2012



Temperature and humidity conditions are for normal operation and storage. Units will function outside these ranges as required by their specific 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:** EIB168RC, EIB100MRF, EIB3000MRF, EIB605MRF, EIB407RF, EIB408RF, EIB408RFH, EIB411RF, EIB413, EIB420RF, EIB428RF, EIB450, EIB170RFAU

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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