

# SmartLINK Module - Ei3000MRF



- The SmartLINK<sup>®</sup> Module allows for wireless interconnection and data extraction. Simply plug in to any 3000 Series alarm.
- Powered from the alarm head
- Interconnect up to 12 alarms and devices wirelessly
- Real-time configurable notifications
- Full visibility of your connected SmartLINK<sup>®</sup> systems
- Forecast alarm replacements and maintenance
- Remote Alarm Learn entry
- Transmits, receives and repeats RF specific data
- RF mesh architecture
- Unique House Coding feature
- RF data download

**FIT IN:**

**3000 Series**

**CONTAINS:**



**PRODUCT DESCRIPTION**

The Ei3000MRF is an optional add-on SmartLINK Module for the 3000 Series Alarms. It enables wireless interconnection with up to 12 SmartLINK and RadioLINK+ Alarms and Devices. It also facilitates a hybrid communication of hardwired and wireless connections.

The Module simply plugs into the designated slot in the back of the Alarm head. The antenna is then fully enclosed within the alarm head leaving no external parts on show. 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 Ei3000MRF 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.

Plug in an Ei3000MRF Module for wireless interconnection, data extraction and real-time notifications of alarm activations and events via the SmartLINK Gateway (Ei1000G) and Portal.

**TECHNICAL SPECIFICATION**

- Supply Voltage:** Powered from Alarm
- RF Frequency:** 868MHz band (1% duty cycle)
- RF Power:** +10dBm
- RF Protocol:** Proprietary RF Protocol using multi-path, multi-repeater mesh architecture
- RF Range:** >100 metres in free air<sup>1</sup>  
30 metres in standard property
- System Size:** Up to 12 RF devices<sup>2</sup>
- Indicator LED's:** 3 colour LED: **Blue**, **Green** and **Red**
- Data Monitoring:** Via Ei1000G Gateway
- Data Download:** Via EiUSB1
- Temperature:** Operating - 0°C to 40°C  
Storage - 0°C to 40°C (in a dry area)<sup>3</sup>
- Humidity Range:** 15% to 95% RH (non-condensing)<sup>3</sup>
- Plastic material:** HIP UL 94 V0 Flame Retardant
- Dimensions:** Product - 80mm x 18mm x 16mm  
Package - 120mm x 110mm x 35mm
- Weight:** 10g (Boxed 62g)
- Warranty:** 5 year (limited) warranty
- Approvals:** Compliant with Radio Equipment Directive 2014/53/EU

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.

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