



# SmartLINK® Module - Ei3000MRF



- The SmartLINK® Module allows for wireless interconnection and data extraction
- Powered from the alarm head
- Interconnect up to 12 RadioLINK®, RadioLINK+® & SmartLINK® alarms and devices wirelessly
- Real-time configurable notifications
- Full visibility of your connected SmartLINK® systems
- Forecast alarm replacements and maintenance
- Remote alarms learn entry
- Transmits, receives and repeats RF specific data
- RF mesh architecture
- Unique House Coding feature
- RF data download

**Fits in:**

**3000 Series**

**Contains:**



**Product Description**

The Ei3000MRF is an optional add-on for the Ei3000 Series alarms. It enables wireless interconnection with up to 12 SmartLINK®, RadioLINK+® & RadioLINK® Alarms & 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 green to indicate that the module has been fitted correctly.

The Ei3000MRF 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 housing coding feature confines the RF communication to designated RF devices only, thereby avoiding inadvertent activation of neighbouring RF systems.

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

The Module is designed to be completely enclosed within the alarm unit and no visible parts including the antenna will be shown.

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

**TECHNICAL SPECIFICATION**

- Supply Voltage:** Powered from the Alarm
- RF Frequency:** 868.499Mhz RadioLINK protocol (1% duty cycle)
- RF Power:** +10dBm
- RF Protocol:** Proprietary RF protocol using multi-path, multi-repeater mesh architecture.
- RF Range:** >100 meters in free air  
30 meters in standard property
- System Size:** Up to 12 devices
- Temperature:** Operating - 0°C to 40°C  
Storage - 0°C to 40°C (In a dry area)
- Humidity Range:** 15% to 95% RH (non-condensing)
- Indicator LED's:** 3 Colour LED: **Blue, Green & Red**
- 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:**



Specifications are subject to change

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.

Rev2 16/10/18 KTS

