

# Ei100MRF RadioLINK+™ Module

## Wireless Interconnection between alarms

### Key Features

- ▶ Mains powered with Rechargeable Back-up
- ▶ Battery powered (>10 year life)
- ▶ Supports wireless Remote Control:
  - Remote Test: Test alarms
  - Remote Locate: Identify triggered alarms
  - Remote Silence: Silence Alarms
- ▶ Proprietary RadioLINK control:
  - Multi-Path
  - Multi-Repeater
  - RF Performance to EN300220-3
- ▶ CE Certified
- ▶ 5 Year Guarantee



### Product Description

The Ei100MRF is an optional add-on RadioLINK Module for 160e Series Smoke and Heat Alarms.

The RadioLINK Module simply plugs into the back of the 160e Series alarms allowing wireless interconnection between up to 12 RadioLINK enabled alarms.

The House-Code feature ensures that the alarms in the system only speak to each other and not any neighbouring systems, nor will those neighbouring systems speak to them.

The module simply plugs straight into the back of any 160e series alarm. When an alarm activates, the Ei100MRF will send a signal to all other alarms in the system and they will also activate.

### Technical Specification

<b>Supply Voltage:</b>	230VAC - 50Hz
<b>Battery Back-Up:</b>	Rechargeable Lithium Battery
<b>RF Frequency:</b>	868.499Mhz RadioLINK protocol
<b>RF Power:</b>	+5dBm
<b>RF Range:</b>	>100m in free air. 30m max from start to end of alarm system
<b>Temperature:</b>	Operating - 0 to 40°C Storage - 0 to 35°C (in a dry area)
<b>Humidity Range:</b>	15% to 95% Relative Humidity
<b>Indicators:</b>	Blue LED for RF signals
<b>Plastic material:</b>	UL94VO
<b>Dimensions:</b>	Product - 150mm x 37mm (20mm installed) Package - 153mm x 153mm x 40mm
<b>Weight:</b>	235g (Incl. Pkg.)
<b>Guarantee:</b>	5 year (limited) Guarantee
<b>Approvals:</b>	CE certified (RF) EN300220-3 (EMC) 301498-3

**CE 0889**

Specifications are subject to change

Ei100MRF - RadioLINK+ Module