

# Ei600MRF - RadioLINK<sup>+</sup> Module

## RF Wireless Interconnection 10 Year Lithium Battery

### Key Features

- ▶ RF Upgrade for Ei603TYC and Ei650 compatible Series Alarms
- ▶ Interconnect up to 12 devices wirelessly
- ▶ Remote Alarm Learn entry
- ▶ Transmits, receives and repeats RF specific data
- ▶ Uses mesh architecture
- ▶ Unique House Coding feature
- ▶ Simple plug in modular design
- ▶ Provides data for download
- ▶ Powered for life lithium battery
- ▶ 5 Year Guarantee

### Product Description

The Ei600MRF is an optional add-on **RadioLINK<sup>+</sup>** module for the Ei603TYC and the Ei650 compatible series Alarms. It enables the Alarm to communicate wirelessly with other Ei Electronics RF devices. Up to 12 devices can be interconnected<sup>2</sup>.

The module simply plugs into the designated slot in the back of the Alarm. The immediate flashing LEDs indicates that the module has been fitted correctly.

It is powered by its own 10 year Lithium battery.

The Ei600MRF 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.

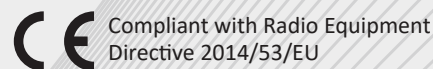
The Remote Alarm Learn entry feature allows the installer to re-activate the entire RF system house coding from one device. Additional devices can then be added and house coded accordingly.

The Ei600MRF 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

<b>Supply Voltage:</b>	3V lithium Battery
<b>RF Frequency:</b>	868MHz band (1% duty Cycle)
<b>RF Power:</b>	+10dBm
<b>RF Range:</b>	> 100 Metres in free air <sup>1</sup>
<b>Protocol type:</b>	Mesh architecture
<b>RF Protocol:</b>	RadioLINK
<b>System size:</b>	Up to 12 RF devices <sup>2</sup>
<b>Indicators:</b>	3 colour LED : <b>Blue, Green and Red</b>
<b>Data Download:</b>	Via EiUSB1
<b>Normal Operating and Storage Temperature Range:</b>	-10°C to 40°C <sup>3</sup>
<b>Normal Operating and Storage Humidity Range</b>	15 % to 95 % Relative Humidity <sup>3</sup> (non-condensing)
<b>Dimensions:</b>	Product - 60mm x 30mm x 20mm
<b>Weight:</b>	25g
<b>Warranty:</b>	5 year (limited) warranty
<b>Approvals:</b>	



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.