

# Ei660iRF - Multi-Sensor Fire Alarm

## Wireless Interconnect 10 Year Lithium Battery

### Key Features

- ▶ Contains both optical and heat sensor
- ▶ Powered for life lithium battery
- ▶ AudioLINK data download
- ▶ Wireless interconnect (via Ei600MRF RadioLINK+ module supplied)
- ▶ Easy install twist-on base
- ▶ Large Easy to use Test button
- ▶ Progressive increase of Alarm sound in Test mode
- ▶ Specific Fault LED
- ▶ 5 Year guarantee

## Product Description

The Ei660iRF Alarm is a Multi-Sensor Alarm containing 2 separate sensing elements, intelligently monitored, in order to detect the presence of fire. In addition, the chamber design, integrated insect screen and unique dust compensation algorithm reduce the risk of false alarms.

The Ei660iRF has a sealed built in 10 Year Lithium battery giving you peace of mind as no battery replacement is required.

The Ei660iRF communicates wirelessly via its preinstalled Ei600MRF RadioLINK+ module with compatible Ei Electronics Alarms and accessories. Up to 12 devices can be interconnected. Alarms interconnected wirelessly must be house coded as a system to prevent communication with other nearby RF systems.

The AudioLINK feature facilitates acoustic download of the Alarm parameters and status using the Ei Electronics AudioLINK app.



For better hearing comfort, the sound level of the alarm increases progressively in Test mode. The Test button can also be used to silence nuisance alarms for a 10 minute period and fault beeps for 12 hours (low battery and sensor fault).

The Ei660iRF self-checks its sensor, battery voltage and internal circuitry every 40 seconds. Any fault condition found will be indicated by a combination of Yellow LED flashes and sound beeps.

The Alarm has a twist on mounting base which has multiple fixing points so it can be easily installed. The Alarm is not powered until it is twisted onto the mounting base, thus avoiding battery power consumption during storage and prior to installation.



## Technical Specification

<b>Sensor Type:</b>	Photoelectric & Thermistor (Class A1 detection. trigger temperature 58°C ± 4°C)
<b>Product life:</b>	10 years
<b>Supply Voltage:</b>	3V Lithium Battery (non replaceable)
<b>RF Frequency:</b>	868Mhz band (1% duty cycle)
<b>RF Power:</b>	+10dBm
<b>RF Range:</b>	>100m 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>Sound Level:</b>	85 dB(A) at 3m (except in Test mode)
<b>Test/Hush button:</b>	Checks sensor, battery, electronics, Interconnection and horn. If unit is in alarm when pressed, it silences the alarm for 10 minutes. Pressing the button will also silence fault chirps for 12 hours
<b>Data download:</b>	Via the AudioLINK app
<b>Visual indicators:</b>	<b>Red LED</b> - alarm, test, hush mode and memory <b>Blue LED</b> - RF transmission <b>Yellow LED</b> - Fault
<b>Memory Feature:</b>	Records last alarm event
<b>Fixings:</b>	Screw fixings and mounting plate supplied
<b>Normal Operating and Storage Temperature:</b>	Range -10°C to 40°C <sup>3</sup>
<b>Normal Operating and Storage Humidity Range:</b>	15 % to 95 % Relative Humidity (non-condensing)
<b>Dimensions:</b>	Product - 115mm x 55mm Packaged - 121mm x 63mm x 148mm
<b>Weight:</b>	200g (pack +40g)
<b>Warranty:</b>	5 year (limited) warranty
<b>Approvals:</b>	 

KM 522831 & KM 83678  
 EN 14604:2005  
 BS 5446-2:2003

Complies with Radio  
 Equipment Directive  
 2014/53/EU

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 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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