

EiB660iRF - Multi-Sensor Alarm

**Wireless Interconnect
10 Year Lithium Battery**

Key Features

- Contains both photoelectric and heat sensor
- Powered for life Lithium battery
- AudioLINK+ data download
- Wireless interconnect (via EiB600MRF RadioLINK+ module supplied)
- Progressive increase of Alarm sound in Test mode

Product Description

The EiB660iRF 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 EiB660iRF has a sealed built in 10 Year Lithium battery giving you peace of mind as no battery replacement is required.

The EiB660iRF communicates wirelessly via its pre-installed EiB600MRF 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 EiB660iRF 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.

Compatibility

Wireless: EiB168RC, EiB170RFAU, EiB407RF, EiB408RF, EiB408RFH, EiB413, EiB428RF, EiB450, and any Alarm fitted with the RF module.

Product Replacement

Direct Replacement For: N/A



Technical Specifications

Sensor Type:	Photoelectric & Thermistor (Class A1 detection. Trigger temperature 58°C ± 4°C)
Product Life:	10 Years
Supply Voltage:	3V Lithium Battery (non-replaceable)
RF Frequency:	926MHz band (1% duty cycle)
RF Power:	+10dBm
RF Range:	>100m in free air ¹
Protocol Type:	Mesh architecture
RF Protocol:	RadioLINK+
System Size:	Up to 12 RF devices ²
Sound Level:	85 dB(A) at 3m (except in Test mode)
Test/Hush Button:	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
Data Download:	Via the AudioLINK app
Visual Indicators:	Red LED: Alarm, test, hush mode and memory Blue LED: RF transmission Yellow LED: Fault
Memory Feature:	Records last alarm event
Temperature Range:	-10°C to 40°C ³
Humidity Range:	15% to 95% Relative Humidity (non-condensing) ³
Fixing:	Screw fixings and mounting plate supplied
Dimensions:	Product: 115mm x 55mm Packaging: 121mm x 148mm x 63mm
Weight:	200g (Pack + 40g)
Warranty:	5 year (limited) warranty
Approvals:	AS3786:2014 + A1 + A2 (Smoke) AS1603.3:2018 (Heat)



Manufactured to ISO 9001 quality standards
Specifications are subject to change

- Obstructions of any sort will result in a reduction in range from the free space specification. The range may vary depending on installation.
- Please contact us if additional RF devices are required.
- 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.