

# RadioLINK<sup>+</sup> - Battery Optical Smoke Alarm Ei650iRF



- Battery powered for life with a sealed 10-year lithium battery
- Wirelessly interconnect up to 12 RadioLINK<sup>+</sup> & SmartLINK<sup>+</sup> Alarms and Devices
- End of Life (EoL) audible and visual indication
- Easy to use large Test/Hush Button
- Remote Test with Alarm Controller—Wireless
- Memory feature
- Alarm, fault and power indicator lights
- Easy to twist on base and multi-fixings
- 5 year guarantee

**Contains:**



**Product Description**

The Ei650iRF RadioLINK<sup>+</sup> Battery Optical Smoke Alarm with operates on the light scatter principle to detect smoke particles entering the optical chamber. The alarm is sensitive to all domestic fire types but is especially sensitive to visible smouldering fire.

The Ei650iRF is fitted with a Module. This will allow the alarm to be interconnected to other RadioLINK<sup>+</sup> & SmartLINK<sup>+</sup> Alarms and Devices. Up to 12 Alarms can be interconnected. An interconnected system will enhance early detection and warning of fire.

The Ei650iRF is powered for life by a 3V lithium battery and the Module has it's own 3V lithium battery power supply. This ensures that the battery will never require changing throughout its intended working life. The battery will activate when the Alarm head is twisted onto its mounting base. This ensures that the battery life will be maximised . The Ei650iRF will give an audible and visual indication that the battery is low and the alarm has reached the end of its useful life.

The Ei650iRF is fitted with a large easy to use Test/Hush button to facilitate frequent testing of the alarm. The Test/Hush button can be used to silence nuisance alarms, e.g. steam, for a 10 minute period. The sounder will automatically stop sounding when smoke particles are no longer present in the chamber. It will also broadcast a cancel signal to stop all other alarms sounding.

The Ei650iRF is supplied with screw fittings and a simple to install twist on mounting base for an easy installation.

**TECHNICAL SPECIFICATION**

<b>Sensor Type:</b>	Optical
<b>Battery:</b>	3V lithium cell (non-replaceable) RF Module has it's own lithium cell
<b>Sound Level:</b>	85dB(A) at 3 Meters
<b>RF Frequency:</b>	868.499Mhz RadiolINK protocol
<b>RF Protocol:</b>	Proprietary RadioLINK+ using multi-path, multi-repeater mesh architecture.
<b>RF Range:</b>	100 meters in free air 30 meters in standard property
<b>Humidity Range:</b>	15% to 95% Relative Humidity
<b>Button Test:</b>	Simulates the effect of smoke and checks chamber , electronics and horn.
<b>Self Test:</b>	Smoke Chamber, battery and electronics are automatically tested every 32 seconds.
<b>Indicator LED's:</b>	<b>Red</b> - Alarm, Low battery, Fault <b>Blue</b> - House Code, RF transmission <b>Red Blue Green</b> - Remote House Code <b>Green</b> - Monitoring <b>Red Blue</b> - Monitoring head removal
<b>Memory:</b>	Red LED will flash twice every 16 seconds indicating recent Alarm event
<b>RF Frequency:</b>	868.499MHz
<b>Plastic material:</b>	HIP UL 94 HB
<b>Dimensions:</b>	Product - 115mm x 50mm Package - 120mm x 120mm x 55mm
<b>Weight:</b>	209g (Boxed 264g)
<b>Warranty:</b>	5 year (limited) warranty



VDS EN 14604:2005  
RF to EN 300 220-1  
EMC to EN 301 489-1



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