

EiB650iW - Intelligent Photoelectric Smoke Alarm

Optional Wireless Interconnect 10 Year Lithium Battery

Key Features

- High performance photoelectric sensor
- Automatic dust compensation
- Powered for life Lithium battery
- AudioLINK+ data download
- Wireless interconnect when fitted with EiB600MRF RadioLINK+

Product Description

The EiB650iW Photoelectric Smoke Alarm is fitted with a proprietary photoelectric sensor to quickly sense low energy smoke particles. This photoelectric Alarm is sensitive to all domestic fire types but is especially sensitive to smouldering fires.

The EiB650 range features a high performance photoelectric chamber protected by a sealed mesh screen to reduce insect and dust contamination and EMC protection to reduce false alarms. In addition the EiB650iW has an automatic dust compensation feature reducing further the risk of false alarms caused by dust build up.

The EiB650iW may operate as a standalone or may be interconnected wirelessly using the EiB600MRF RadioLINK+ module (sold separately) to communicate with compatible Ei Electronics Alarms and accessories. Up to 12 RF devices can be interconnected.

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 (e.g. cooking fumes) for a 10 minute period and fault beeps for 12 hours (low battery and sensor fault).

The EiB650iW self-checks its chamber 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: EiB650iC



Technical Specifications

Sensor Type:	Photoelectric
Product Life:	10 Years
Supply Voltage:	3V Lithium Battery (non-replaceable)
Sound Level:	85 dB(A) at 3m (except in Test mode)
Test/Hush Button:	Checks sensor, battery, electronics 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 Yellow LED: Fault
Memory Feature:	Records last alarm event
Temperature Range:	-10°C to 40°C ¹
Humidity Range:	15% to 95% Relative Humidity (non-condensing) ¹
Insect Screen:	Fine mesh
Fixing:	Screw fixings and mounting plate supplied
Dimensions:	Product: 115mm x 45mm Packaging: 150mm x 120mm x 56mm
Weight:	210g (Pack + 50g)
Warranty:	5 year (limited) warranty
Approvals:	AS3786:2014 + A1 + A2



Manufactured to ISO 9001 quality standards
Specifications are subject to change

¹ 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.