

Ei650iC Intelligent Optical Smoke Alarm

10 Year Lithium Cell Powered Hardwired Interconnect

Key Features

- ▶ High performance optical chamber
- ▶ Automatic dust compensation
- ▶ Optional Wireless interconnect facility (optional Ei600 series RF module required)
- ▶ AudioLINK enabled
- ▶ Easy install - no wiring required
- ▶ Large easy to use Test Button
- ▶ Silence nuisance / false alarms
- ▶ Built in sounder - 85dB(A) at 3 metres
- ▶ Alarm Fault warnings
- ▶ Specific Fault Led and diagnostic procedures
- ▶ 5 Year guarantee

Product Description

The Ei650iC optical Smoke Alarm operates on the light scatter principle to detect smoke particles entering the optical chamber.

The automatic dust compensation feature minimises nuisance alarms due to dust build up in the optical chamber.

The Ei650iC is supplied with screw fixings with simple to install twist on base. The Ei650iC is fitted with a large easy to use Test Button to facilitate frequent testing of the Alarm. The Test button can also be used to silence nuisance alarms, e.g. cooking fumes, for a 10 minute period.

The Ei650iC self-checks its chamber sensor, battery voltage and internal circuitry every 40 seconds. Any fault condition found will be indicated by a combination of Red LED flashes and/or sound beeps.

The Ei650iC is designed with advanced diagnostics to help pre-warn of incumbent fault conditions. The Ei650iC offer a choice of 2 means of interconnection:

- wirelessly through the installation of the optional Ei600 series RF module fitted into the base.
- hardwired through a simple 2 wire terminal block in the base of the Alarm. Other compatible Alarms may then be connected.

The AudioLINK feature is a means of extracting Alarm specific event data and transmitting acoustically to a unique designed Smart Phone App.



Technical Specification

Sensor Type:	Optical Chamber
Battery:	3V Lithium Battery (non replaceable)
Sound Level:	85 dB(A) at 3 meters
Diagnostics:	Procedures available
AudioLINK:	Enabled
Interconnect:	Hardwire interconnect up to 12 Alarms Optional Wireless interconnect - fit alarm with Ei600 series RF module
Temperature:	Operating - 0 to 40°C
Storage:	0 to 35°C (in a dry area)
Humidity Range:	15% to 95% R.H. non condensing
Button Test:	Simulates the effect of smoke and checks chamber, electronics and horn
Plastic material:	UL94 HB
Dimensions:	Product - 115mm(D) x 50mm(H)
Weight:	185g
Warranty:	5 year (limited) warranty
Approvals:	



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Manufactured to ISO 9001:2008 quality standards.