

# Ei650C Optical Smoke Alarm

10 Year Lithium Battery  
Hardwired interconnect

## Key Features

- ▶ High performance optical chamber
- ▶ Powered for life lithium battery
- ▶ Wireless interconnect facility (optional Ei600 series RF module Required)
- ▶ Easy install - no wiring required (unless hardwire interconnecting)
- ▶ Large easy to use Test Button
- ▶ Silence nuisance / false alarms
- ▶ Built in sounder - 85dB(A) at 3 metres
- ▶ Alarm Fault warnings
- ▶ 5 Year guarantee

## Product Description

The Ei650C optical Smoke Alarm operates on the light scatter principle to detect smoke particles entering the optical chamber. This optical Alarm is sensitive to all domestic fire types but is especially sensitive to visible smouldering fires.

The Ei650C is supplied with screw fixings with simple to install twist on base. The twist on action activates an internal switch and powers on the Alarm. The Ei650C 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 sounder will automatically stop sounding when smoke particles are no longer present in the chamber.

The Ei650C 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.

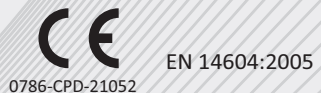
The Ei650C offer a choice of 2 means of interconnection:

- wirelessly through the installation of the optional Ei600 series RF module fitted into the base. Once installed and set up this facility offers wireless interconnection with other RadioLINK devices.
- hardwired through a simple 2 wire terminal block in the base of the Alarm. Other compatible Alarms may then be connected.



## Technical Specification

Sensor Type:	Optical Chamber
Battery:	3V Lithium Battery (non replaceable)
Sound Level:	85 dB(A) at 3 meters
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:	



DOP 13-0002

Manufactured to ISO 9001:2008 quality standards.