

Smoke Alarm

9V Battery POWERED

RadioLINK® Communication Capability

Model Ei 605C Optical

- High sensitivity – responds to all standard fires
- Aesthetically pleasing, compact design
- Innovative and robust optical chamber design
- Low battery warning
- Large Easy to use Test/Hush button
- Hush Feature allows false alarm control
- Interconnect up to 12 battery powered alarms
- Easy to fit twist-on base
- Optional upgrade to enable RadioLink interconnect
- VdS approved to BS EN 14604:2005
- Manufactured in Ireland to ISO 9001:2000
- 5 year Guarantee



Product Description

The Ei605C is an Optical Smoke Alarm using the light scatter principle, giving a quick response to all standard fires. It runs on a 9V replaceable alkaline battery (supplied with the alarm)

The Ei605C has an innovative high performance optical chamber with integral fixed insect screen reducing the possibility of false alarms.

The Ei605C is easily installed and comes supplied with all necessary screw fixings.

The Ei605C has a large, easy to use, combined Test/Hush button enables full testing of the alarm and the ability to silence false alarms.

The Ei605C maybe hardwire interconnected to twelve battery powered alarms enabling all alarms to sound if just one of the interconnected alarms should be triggered.

The Ei605C modular design allows it to be upgraded for *RadioLink* functionality with the addition of the Ei605MRF Radio frequency module. The optional *RadioLINK* module simply plugs into the back of the Ei605C allowing wireless interconnection of up to 12 RadioLink ready alarms.

Operation

- The smoke detector will activate the built in sounder upon sensing smoke particles. It will automatically reset and silence the alarm when the smoke particles are no longer present in the chamber.
- The red indicating LED will flash once every 40 seconds to show that the alarm is powered and it has performed an automatic self-test.
- The built in sounder will provide a minimum sound output of 85dB at 3m.
- Pressing and holding the “Test/Hush” button will perform a self test and sound the horn – checking the chamber, electronics and horn.
- Momentarily pressing the “Test/Hush” button when an alarm is sounding will set the alarm into “HUSH” mode. This reduces the sensitivity for a period of 10 minutes, after which the alarm automatically resets – providing control over false alarms.
- The smoke detector will emit a beep every 40 seconds to indicate that the battery is near depletion and needs replacing.



Shannon Free Zone, Shannon, Co. Clare, Ireland.
Ph.+353 61 471277 Fx.+353 61 471053
Email. eielectronics@eilttd.ie
Web: www.eielectronics.com

Model Ei605C Optical

Technical Specification

Sensor:	Optical, uses light scatter from smoke particles	Alarm:	Piezoelectric-horn (built-in)
Sensitivity:	Complies with the requirements of BS EN 14604: 2005	Alarm Sound Output:	85dB (minimum) at 3m
Airspeed:	Essentially immune to the effect of airspeed.	Temperature Range:	0 to 40°C
Button Test:	Simulates the effect of smoke to check the chamber, electronics and horn.	Humidity Range:	0% to 90% Relative Humidity
Hush:	Silences nuisance alarm. Automatically resets after approximately 10 minutes.	Interconnect:	Hardwire interconnect up to 12 battery powered alarms. A combination of up to 12 battery and Mains powered alarms maybe RadioLINK interconnected.
Supply Voltage:	9V battery	Fixing:	Screw fixings supplied
Power-On Indicator:	Red LED flashes through cover every 40 seconds	Plastic material:	UL94HB flame retardant
		Dimensions:	115mm (diameter) x 45mm (height)
		Weight:	200 grams
		Warranty:	5 year (limited) warranty
		Approvals:	VdS approved to BS EN14604:2005, CE approved, Manufactured to ISO 9001:2000 quality standards.

Installation & Placement



Alarms should be placed in accordance with the general guidelines shown in the diagram above. These recommendations are based on the problem of areas of “dead air” close to corners of rooms and apexes of ceilings, which could result in the prevention of smoke reaching the smoke detector

Please consult the Instruction Leaflet supplied with the Ei605C for detailed instructions as to how to correctly install and position the smoke detector

Important Precaution:

Do not install the actual smoke/heat alarm itself in new or renovated buildings until all work is completed (including floor coverings) and the building has been fully cleaned. (Excessive dust and debris from building work can contaminate the smoke chamber and cause problems, and it will also invalidate the guarantee). If it must be installed, cover it completely, particularly around the edges, with a dust cover (eg. a plastic bag), until all cleaning is finished..

Specifications are subject to change



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