

# Smoke Alarm

**9V LITHIUM BATTERY**

## Model Ei 3105TYCH Optical

- High sensitivity – responds to all standard fires
- Senses smoke using the light scatter principle, giving a quick response to visible smouldering fires
- Lithium 10 year battery to provide long lasting life
- Interconnect up to 12 other alarms with silencer capability
- Low battery warning
- Built in sounder
- Test/Hush button
- Kitemarked to BS EN 14604:2005
- 5 year guarantee



### Product Description

The Ei3105TYCH is an Optical Smoke Alarm that runs on a 9V 10 year lithium battery to provide a long lasting life (supplied with the alarm).

The Ei3105TYCH is easily installed and comes supplied with all necessary screw fixings.

The Ei3105TYCH particularly useful near kitchens as the hush button will silence nuisance alarms from cooking etc for 10 minutes.

### Operation

- The smoke detector will activate the built in sounder upon sensing smoke particles
- The smoke detector will automatically reset itself and silence the sounder when smoke particles are no longer present in the sensing chamber
- The built in sounder will provide a minimum sound output of 85dB at 3m
- The “Hush/Test” button will simulate smoke-use to check performance at least monthly
- The “Hush/Test” button will silence nuisance alarms
- The smoke detector will emit a beep every 40 seconds to indicate that the battery back up is depleted and needs replacing



Shannon Free Zone, Shannon, Co. Clare, Ireland.  
Ph.+353 61 471277 Fx.+353 61 471053  
Email. [eielectronics@eild.ie](mailto:eielectronics@eild.ie)  
Web: [www.eielectronics.com](http://www.eielectronics.com)

# Model Ei3105TYCH Smoke Alarm

## Technical Specification

<b>Sensor:</b>	Optical, uses light scatter from smoke particles	<b>Alarm:</b>	Piezoelectric horn in unit
<b>Sensitivity:</b>	Complies with BS 5446 Part 1: 2000	<b>Alarm Sound Output:</b>	85dB (minimum) at 3m
<b>Source:</b>	Contains no radioactive material	<b>Temperature Range:</b>	0 to 40°C
<b>Airspeed:</b>	Essentially immune to the effect of airspeed.	<b>Humidity Range:</b>	0% to 90% Relative Humidity
<b>Button Test:</b>	Simulates the effect of smoke and checks chamber, electronics and horn	<b>Fixing:</b>	Screw fixings supplied
<b>Supply Voltage:</b>	9V lithium battery	<b>Plastic material:</b>	UL94HB flame retardant
		<b>Dimensions:</b>	140x 120x 45
		<b>Weight:</b>	281 g
		<b>Warranty:</b>	5 year (limited) warranty
		<b>Approvals:</b>	Kitemarked to BS EN 14604:2005, CE Approved

Specifications are subject to change

## 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 Ei3105TYCH 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..



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