Ei Electronics®
fire + gas detection

Ei2110e - Multi-Sensor Alarm

Mains Powered 230V~
Rechargeable Battery Back-up



Key Features

- Contains both optical and heat sensor
- Complies with all fire tests: TF1-TF6 & TF8
- Automatic dust compensation
- AudioLINK data download
- Hard wire interconnect
- Wireless interconnect when fitted with optional Ei100MRF RadioLINK+ module
- Memory feature
- Large easy to use Test/Hush button
- Easy to install with easi-fit base
- 5 year guarantee

Product Description

The Ei2110e is a Multi-Sensor Fire Alarm that contains two separate sensing elements – optical and heat. Using its intelligent dual monitoring, it responds much faster to all fire types (TF1 to TF6 & TF8) than a traditional single sensor Alarm. The new sensor chamber design, intelligent monitoring and the unique dust compensation algorithm also contribute to reduce the frequency of nuisance alarms.

The Ei2110e is powered by 230V AC with a rechargeable tamper-proof built in Lithium battery back up to ensure continuous operation (up to 2 months) in the event of a power failure.

The AudioLINK feature facilitates acoustic download of the Alarm parameters and status using a smart app.

The E2110e can be interconnected via hardwire or wirelessly (through the Ei100MRF) enabling it to communicate with compatible Ei Alarms and accessories. Up to 12 Alarms can be interconnected.

The Ei2110e self-checks its sensors, battery voltage and internal circuitry regularly. Any fault condition found will be indicated by a combination of Amber LED flashes and sound beeps.

The Ei2110e is designed with advanced diagnostics to help pre-warn of possible impending fault conditions. The memory feature allows an Alarm that has previously activated to be easily identified.

Technical Specification

Sensor Type:	Optical & Thermistor (Class A1 detection. trigger temperature 58°C ± 4°C)
Supply Voltage:	230V AC, 50Hz
Battery back-up:	Rechargeable lithium cells (provide up to 2 months back up without mains power)
Sound Level:	85 dB(A) at 3m
Button Test:	Checks sensors, electronics and horn
Silence function:	Silences alarm for 10 minutes
Data download:	Via the AudioLINK app
Adv. Diagnostics:	Included
Indicator LED's:	**Green LED-** power **Red LED** - In Alarm (flashes rapidly) - in Hush mode (flashes every 8s) - Self-test (flashes every 48s) - Memory **Yellow LED** - fault
Memory Feature:	Records last alarm event
Insect screen:	Fine Mesh
Fixing:	Screw fixing and mounting plate supplied
Normal Operating and Storage Temperature Range:	-10°C to 40°C[1]
Normal Operating and Storage Humidity Range:	15 % to 95 % Relative Humidity (non-condensing)
Plastic material:	UL94VO flame retardant
Dimensions:	Product - 150mm x 55mm Package - 180mm x 155mm x 70mm
Weight:	346g (Pack +66g)
Warranty:	5 year (limited) warranty
Approvals:	CE KM 522831 & KM 83678 BS EN14604:2005 BS 5446-2:2003

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.

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E & OE As our policy is one of continuous product development, we reserve the right to alter product details without prior notice.

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