



Creating Safer Homes.



an  Company



aico

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ALCO GROUP

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Aico, an **Ei** Company, are the European leader in **Home Life Safety**, pioneering new technologies and offering high quality alarms, guaranteeing protection for every home, the cornerstone of which is delivering education, quality, service and innovation.

Aico have expanded their Connected Home offering through **HomeLINK**, a multi-award-winning high-tech software team within Aico that leverage cutting edge home integration and analytic technologies. to IoT and the connected home.

The leader in home life safety, promoting best practice, engaging with our communities and delivering safer homes.



Introducing the **3000** Series

Whole property coverage from one series



The Aico 3000 Series features
Smoke, Heat and Carbon
Monoxide alarms in a sleek,
modern design to ensure aesthetic
consistency throughout the home.

The alarms are brilliant white and
do not discolour, demonstrating
superior quality.



Offering Multi-Sensor technology, the 3000 Series ensures the ultimate Fire and Carbon Monoxide protection for the home, with fewer alarms.

Ideal for open-plan living, these alarms provide total fire coverage, whatever the layout.





Ei3024

Multi-Sensor Fire Alarm
Optical and Heat



The Ei3024 Multi-Sensor Fire Alarm is built on the same high quality, reliable and proven technology that all Aico alarms are renowned for, but contains the latest high-tech enhancements making it the most effective domestic fire alarm on the market.

Ideal for open-plan living, this alarm significantly reduces the level of nuisance alarms whilst also offering enhanced fire detection performance.

Features

Total Fire Response

Containing both an Optical Smoke Sensor and Heat Sensor to give the ultimate protection.

AudioLINK and SmartLINK Compatible

Featuring wireless interconnection and data extraction and monitoring capabilities.

10 Year Life

Mains powered with a 10-year lithium rechargeable battery back up.





Ei3028

Multi-Sensor Heat and Carbon Monoxide Alarm



The Ei3028 Multi-Sensor Heat and Carbon Monoxide Alarm is built with the same high quality, reliable and proven technology as in our other Heat and Carbon Monoxide alarms but combined in one alarm and with advanced intelligent technology.

Providing protection from both Fire and Carbon Monoxide, this alarm is suitable for kitchens with fuel burning appliances and garages.

Features

One Alarm, Double Detection

Containing both a Heat Sensor and an electrochemical Carbon Monoxide sensor to give the protection against both risks.

AudioLINK and SmartLINK Compatible

Featuring wireless interconnection and data extraction and monitoring capabilities.

10 Year Life

Mains powered with a 10-year lithium rechargeable battery back up.



Case Study

Belfast-based national contractor Stothers M&E Ltd were awarded a £75m development of two tower blocks in Manchester. In order to ensure residents are safe and protected from fire, Stothers worked with Aico to utilise their flagship 3000 Series throughout the development.

The new homes for private rent will transform the area of Cornbrook in Trafford, Manchester, bringing a new lease of life to an underused site near the tram station.

Comprising of one- and two-bedroom units, duplex and townhouse apartments, the development will also incorporate a library, gym, private gardens and resident lounge areas with the view to creating strong community bonds.



In line with requirements, the project will see over 1,800 Aico Fire and Carbon Monoxide alarms installed in the 363 apartments. The Cornbrook development will utilise Aico's technologically advanced 3000 Series, including the pioneering Multi-Sensor Fire alarm, for complete coverage.

“With a Category LD1 install required for the dwellings, Stothers M&E have selected Aico due to the high level of customer **support**, technical **advice** and **extensive product range**” says Neil Alexander, Electrical Contracts Manager. “We pride ourselves with installing **high quality** equipment which is evident in an extremely low number of defects throughout the post-handover stage. With over 1800 Aico devices on this project, **reliability is key**”.





The European Market Leader
in **Home Life Safety**



THE CONNECTED HOME LIFE SAFETY SOLUTION

**CREATING SMARTER,
SAFER HOMES.**



Aico with HomeLINK offer a network of alarms and sensors to improve the health and safety of homes throughout the UK.

Stemming from Aico's ethos of innovation, the 3000 Series is technologically advanced with smart home and IoT capabilities, future-proofing your home with safety at the forefront.



A connected smart home can make for a more efficient, more sustainable and safer living environment – with a focus on wellbeing.

The [HomeLINK Environmental Sensors](#) monitor temperature, humidity, and carbon dioxide levels within your home, providing an overview of your home's indoor conditions.

Temperature monitoring gives insight into the energy efficiency of your property while humidity and carbon dioxide monitoring help to manage the quality of the air in your home, ensuring adequate ventilation and air circulation, to positively impact on health and wellbeing.





Environmental Sensors



The HomeLINK Environmental Sensors are minimal, unobtrusive and low maintenance.

Monitoring temperature and humidity, the Ei1020 provides actionable insights into:

- Condensation, Damp, Mould
- Heat Loss
- Excess Cold
- Excess Heat

Monitoring temperature, humidity and carbon dioxide, the Ei1025 provides the above, plus additional insights into:

- Indoor Air Quality
- Void Risk
- Draught Risk
- Dust Mite Allergy Risk

Seamlessly integrating with the [SmartLINK Gateway](#), the [HomeLINK Environmental Sensors](#), associated dashboard and Resident App use advanced technology to interpret data and provide clear, actionable insights to improve the quality of your home.

Adding another dimension to home life safety, Aico strive to create safer, healthier homes.



Ei1000G

SmartLINK[®] Gateway



Aico's innovative Ei1000G SmartLINK Gateway provides access to real-time data insight into the status Smoke, Heat and Carbon Monoxide alarms, utilising pioneering wireless technology for ease of installation and remote monitoring.



No cabling or Wi-Fi needed



Real-time anytime reporting



Email or SMS notifications



Easy-to-use dashboard



Reduce costs, improve efficiency



HomeLINK compatible



Contact Aico

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www.aico.co.uk

Aico have Regional Specification Managers situated throughout the UK that can help in a consultative role to advise on alarm selection, siting, installation and maintenance.

Find your nearest Regional Specification Manager by visiting:

www.aico.co.uk/rsm/



Ei3024 - TECHNICAL SPECIFICATION

Sensor Type: Optical & Thermistor Class A1

Supply Voltage: 230V AC, 50Hz

Power Consumption: 0.25W (standby)

Battery back-up: Rechargeable lithium cells

Sound Level: 85 dB(A) at 3 metres

Button Test: Checks sensors, electronics and sounder

Silence Function: Silences alarm for 10 minutes

Silences fault beeps for 12 hours

AudioLINK: Enabled

SmartLINK: Compatible via the Ei3000MRF module

Indicator LED's:

Green - Power

Red - Alarm/Silence mode/Memory

Yellow - Fault/End of life

Memory Feature: Records last alarm event

Insect Screen: Fine mesh

Fixing: easi-fit base (supplied)

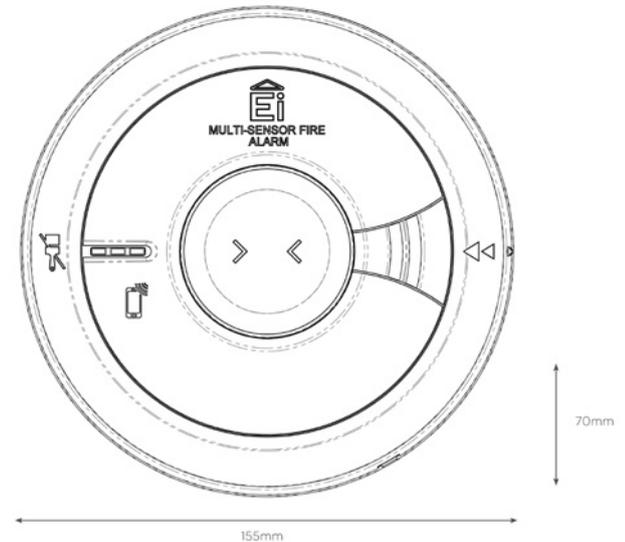
Temperature: Operating - 0°C to 40°C

Humidity Range: 15% to 95% RH (non-condensing)

Plastic material: HIP UL 94 V0 Flame Retardant

Weight: 344g (Boxed 420g)

Warranty: 5-year (limited) warranty



Approvals:



KM: 522831

83678

BS EN14604:2005

BS 5446-2:2003

Ei3028 - TECHNICAL SPECIFICATION

Sensor Type: Thermistor & Electrochemical CO

Supply Voltage: 230V AC, 50Hz

Power Consumption: 0.25W (standby)

Battery back-up: Rechargeable lithium cells

Sound Level: 85 dB(A) at 3 meters

Button Test: Checks sensors, electronics, LED display and sounder

Silence Function: Silences alarm for 10 minutes if alarm is triggered by heat or once for 4 mins in case of CO event if <150ppm detected. Silences fault beeps for 12 hours

AudioLINK: Enabled

SmartLINK: Compatible via the Ei3000MRF module

Indicator LED's:

Green - Power

Red - Pre alarm (CO only)/Alarm/Silence mode/Memory

Yellow - Fault/End of life

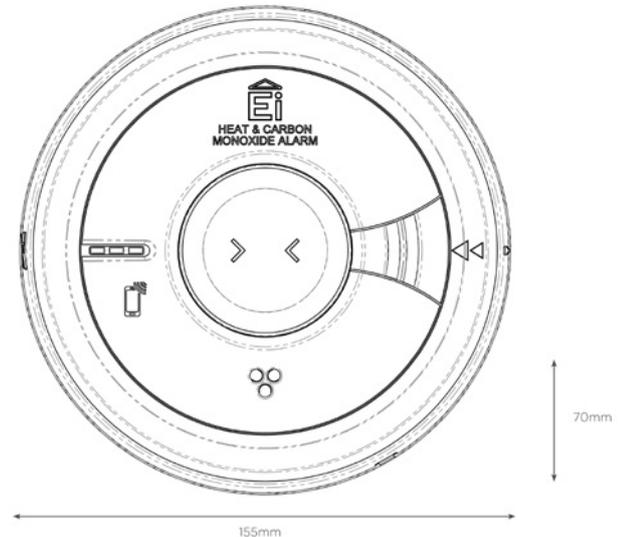
Memory Feature: Records last alarm event

Fixing: easi-fit base (supplied)

Temperature: Operating - 0°C to 35°C

Humidity Range: 15% to 95% RH (non-condensing)

Plastic material: HIP UL 94 V0 Flame Retardant



Weight: 314g (Boxed 393g)

Warranty: 5-year (limited) warranty

Approvals:

KM: 89596



83678

BS EN50291-1:2010+A1:2012

BS 5446-2:2003

Ei1020/Ei1025 - TECHNICAL SPECIFICATION

Battery Type: Lithium primary

Technologies: HomeLINK

RF Range: <100m in free air

RF Frequency (MHz): 868.2

Humidity Range (%): 15 - 95

Temperate Range (°C): -10 to 40

Warranty: 5 years

Ei1020

Sensor Type: Temperature and Humidity

Product Weight: 74g

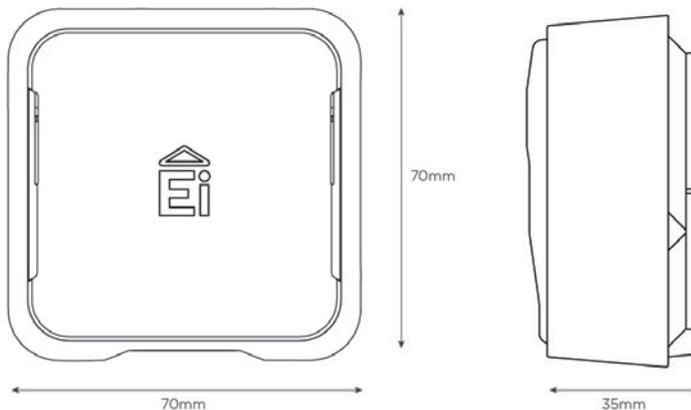
Packaged Weight: 127g

Ei1025

Sensor Type: Temperature, Humidity and CO₂

Product Weight: 81g

Packaged Weight: 134g



Approvals:



EN 300 220-1

EN 300 220-2

EN 301 489-1

EN 301 489-3

EN 62368-1



Education | Quality | Service | Innovation

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