HomeLINK®

THE CONNECTED SOLUTION FOR THE LEISURE SECTOR

THE HOMELINK CONNECTED SOLUTION BY AICO

The HomeLINK Connected Solution includes a network of alarms and environmental sensors and the Ei1000G Gateway that connects them all.

Data is extracted from connected devices and transferred via the Gateway through radio frequency.

Powerful machine learning algorithms interpret the data and provide an array of actionable information that can be used to stay compliant with legislation and improve indoor environmental conditions for your guests.
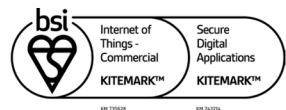
Our HomeLINK Environmental Sensors are available in two models:

• Ei1020 - monitoring temperature and humidity

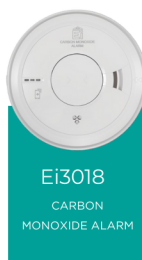• Ei1025 - monitoring temperature, humidity and carbon dioxide

REMOTE DATA-DRIVEN MONITORING

Aico alarms and sensors connect with the Gateway; an innovative, award-winning system that provides insights into the health and safety of connected buildings. The Ei1000G uses wireless interconnection technology to link every alarm and sensor in a property to provide remote access to this data via the online HomeLINK Portal. The Gateway is one of few products to achieve the BSI Kitemark for Internet of Things (IoT) Commercial.

Ei1000G GATEWAY	Ei1020 & Ei1025 ENVIRONMENTAL SENSORS	bsi Internet of Things - Commercial KITEMARK™ / Secure Digital Applications KITEMARK™

FULL CIRCLE PROTECTION WITH THE 3000 SERIES

The technologically advanced 3000 Series provides whole property coverage from one range, detecting both fire and carbon monoxide, as well as connecting to the Ei1000G Gateway via the Ei3000MRF module.

Ei3030	Ei3028	Ei3024	Ei3018	Ei3016	Ei3014
OPTICAL, HEAT AND CARBON MONOXIDE ALARM	HEAT AND CARBON MONOXIDE ALARM	OPTICAL SMOKE AND HEAT ALARM	CARBON MONOXIDE ALARM	OPTICAL SMOKE ALARM	HEAT ALARM

PORTAL INSIGHTS

By leveraging the power of HomeLINK data, you can plan ahead, optimise resources and reduce costs. From identifying an environmental risk, such as poor indoor air quality or damp and mould, to knowing if there are maintenance issues such as alarm head removals from the baseplate or low battery. Our diverse insights and alerts have been built and optimised with safety and efficiency in mind.

View top-level data at the portfolio level or drill down for deeper insights to maintain compliance and enable preventative strategies down to an individual property level.

- No broadband or Wi-Fi needed
- SmartLINK and HomeLINK compatible
- Forecast replacement and Proactive Maintenance
- Easy-to-use portal
- Real-time reporting
- No property access required after installation
- Email and SMS notifications
- Reduce costs and improve efficiency
- Compliance with standards & legislation
- Improved life safety

DAMP & MOULD

Using temperature and humidity data collected via environmental sensors, the Damp and Mould Risk Insight indicates the risk level of a room or property developing or already having visible mould.
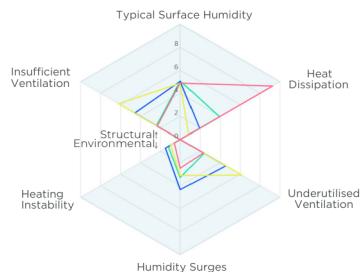
By installing environmental sensors in high-risk areas, landlords can benefit from room-specific insights to accurately identify the effected location, as well as whether the cause is structural or environmental.

THE SIGNATURE OF MOULD

Once a room or property has been identified with a risk of mould, you'll naturally want to know what's causing it. Is there something that needs to be addressed in the fabric of the property or would it help if the environmental conditions of the property were altered?

This 'Super Insight' combines several structural and environmental factors such as natural ventilation, heating patterns and humidity surges. All of this combined provides an accurate picture of the most likely causes of mould or mould risk.

You will often find that it can be a combination of factors at work.

Typical Surface Humidity

Insufficient Ventilation

Heat Dissipation

Structural/ Environmental

Underutilised Ventilation

Heating Instability

Humidity Surges

FIRE AND CO COMPLIANCE

Monitor fire and carbon monoxide alarms to improve compliance and asset management. Remote management of connected alarms enables you to track their performance in real-time. The Portal provides valuable information to support compliance, such as alarm age and replacement dates, enabling a proactive response across an entire portfolio.

Reporting is also available for alarm events relating to guest safety. For example, if an alarm head has been removed from the baseplate, or how long it has been since an alarm has been tested.

Alerts can also be set up for alarm events, e.g. if low, medium or high levels of carbon monoxide are detected, or if a fire alarm has been triggered within a property. These custom notifications can be sent via email or text message to the specified individual. This tailored information is invaluable to those managing a dispersed estate as it ensures they are informed of any events completely remotely.

LEGISLATION

Fire safety regulations for holiday park lodges in England and Wales require specific alarms based on the Regulatory Reform (Fire Safety) Order 2005. This law applies to businesses that offer sleeping accommodations, including holiday park lodges.

The regulations mandate the installation of interconnected smoke and heat alarms in all bedrooms, living areas, and escape routes. To adhere to best practices outlined in British Standard BS 5839-6, it's recommended to use an interlinked system, either hard wired connection or wirelessly using radio frequency, preferably with Grade D1 alarms. These are mains-powered smoke and heat alarms with tamper-proof batteries, offering optimal protection and reduced risk of removal.

Visit our website to find out more about Aico's HomeLINK Connected Solution