PRODUCT BROCHURE · ENISCOPE AIR

Eniscope Air: Smart Building Control Without a Full BMS



Smart sensors, IoT connectivity and intelligent automation

Eniscope Air is a wireless IoT building management suite for commercial sites. It gives you the monitoring and control of a building management system at a lighter, lower cost, and it suits both new builds and retrofits.

Devices communicate over a long-range LoRa wireless network back to the Eniscope Hybrid hub, so there is no new cabling through your building. Data goes to the cloud, where AI-driven analytics spot consumption patterns and unusual energy use.

Why Eniscope Air

- **Energy savings:** typically above 20% of the bill, depending on the site.
- **Predictive maintenance:** alarms on asset faults before they cause breakdowns.
- **Minimal disruption:** small, discreet devices that install quickly.
- **Remote access:** manage schedules and settings for many sites from one place.
- **Scalable:** add devices as your needs grow.

The Eniscope Air family

Eniscope Hybrid
The central hub: 8 three-phase energy monitoring channels that coordinate the whole system.

Air Connect
The network device that links wireless Air devices to the hub.

Air Sense
Battery-powered wall or ceiling sensor for temperature, humidity, occupancy and light, with optional CO2 and CO, plus 1 pulse input.

Air Switch
Single-phase monitoring with scheduled or logic-based on/off control. Built for tough environments such as kitchens.

Air Ambient
Air conditioning scheduling and temperature-band control that cuts out-of-hours cooling.

Air Digital
Monitoring and control for three-phase equipment, such as commercial fryers.

Typical applications

Air conditioning. Set schedules and logic remotely so units only run when needed and stay within the right temperature band. Works best combined with Air Sense occupancy and temperature data.

Plug loads. Monitor and switch individual single-phase assets such as food warmers, microwave ovens and drinks machines, turning them on and off around operating hours.

Kitchen equipment. Monitor and schedule three-phase assets like fryers with Air Digital.

Multi-building sites. Use Air Switch where the 8 Eniscope channels are not enough because equipment is spread across several buildings.

Comfort and air quality. Track temperature, humidity, CO2 and occupancy to keep spaces comfortable while saving energy.



Who it is for

- Restaurants and quick service chains
- Retail stores and supermarkets
- Hotels and offices
- Schools and healthcare facilities
- Industrial sites and multi-site operators

Savings depend on building type, operating hours, existing systems and how much control is applied.

Proven in Saudi Arabia

15%
Annual energy saving per store, Kudu restaurants

53,571 kWh
Annual reduction per Kudu store

1.6 years
Payback achieved at Kudu

1.8 years
Payback at Nova Water, Riyadh factory

How IOTech delivers

01
Assessment and planning
We review your bills, sites and equipment and identify where the savings are.

02
Custom solution design
Metering points, sensors and controls designed around your business goals.

03
Deployment and integration
Fast installation by our local team, without interrupting operations.

04
Monitoring and optimization
Our Virtual Energy Manager watches your data and keeps savings on track.

See Eniscope Air in your building

Book a free energy assessment with the IOTech Energy team.

iotechenergy.com