



# ACES 2

AIR CONDITIONER ENERGY SAVER



## ACES 2

Transform Your AirCon Energy Performance with Automated Intelligence & Remote Control

### The Hardware

**ACES 2 is a plug-and-play system, easily and safely installed by an electrician. It offers the chance to transform energy management in a facility with automated intelligence that switches energy-abusing air conditioning equipment on and off automatically.**

That functionality can work on the basis of logic controls; a set of rules which, if satisfied, ‘trigger’ the on or off function. Or you can control it manually, switching equipment off yourself when you see (with Eniscope’s analytics) that consumption is excessive or active out-of-hours, for example.

The ACES 2 offers up to 5 output relays to switch your devices on or off and has the ability to monitor up to 4 analogue inputs, 4 digital inputs and up to 6 temperature sensors.

### The Software

The ACES 2 uses on-board software to display live input readings, and allow you to programme the logic controller and switch your output relays on or off.

You can also view your data as graphs or charts on our website, via MQTT. And if you’d prefer a schedule to a set of nlogic rules – no problem, there’s a built in scheduler as well!

Make decisions on the go with our mobile app – available as standard with all ACES 2 installations.



## Key Features.

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- 1 5 Switchable relays
  - 2 Up to 6 temperature probes
  - 3 Up to 4 analogue inputs
  - 4 Up to 4 digital inputs
  - 5 Onboard programmable logic controller
  - 6 View your inputs and outputs on graphs or charts
  - 7 Switch your devices on and off from anywhere via the cloud
  - 8 Easy to use onboard web interface and installation



*“Logic based control opens up a world of possibilities. Air conditioning left on over the weekend? No problem, schedule it to switch off automatically. We’re seeing great results with this product all over the world. Air conditioning energy management just got a whole lot easier!*

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## Technical Specifications

- Supply voltage: 120–230VAC Nominal (24V & 277V Available on Request)
- Power requirements: Less than 5W
- Enclosure: Bespoke patterned enclosure, suitable for DIN rail mounting
- Relay(s): 240VAC-10A, 120VAC-15A, 24VDC-15A
- Protection from wrong supply polarisation
- Easy installation with simple plug-in connectors
- Integral communications hub and webserver
- Connect multiple temperature sensors (up to 6)
- 4 Analogue inputs
- 4 Digital inputs
- Ethernet connectivity
- Shipping weight: 1.05Kg
- MQTT data publish support
- Dimensions: 236mm x 134mm x 60mm