



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.

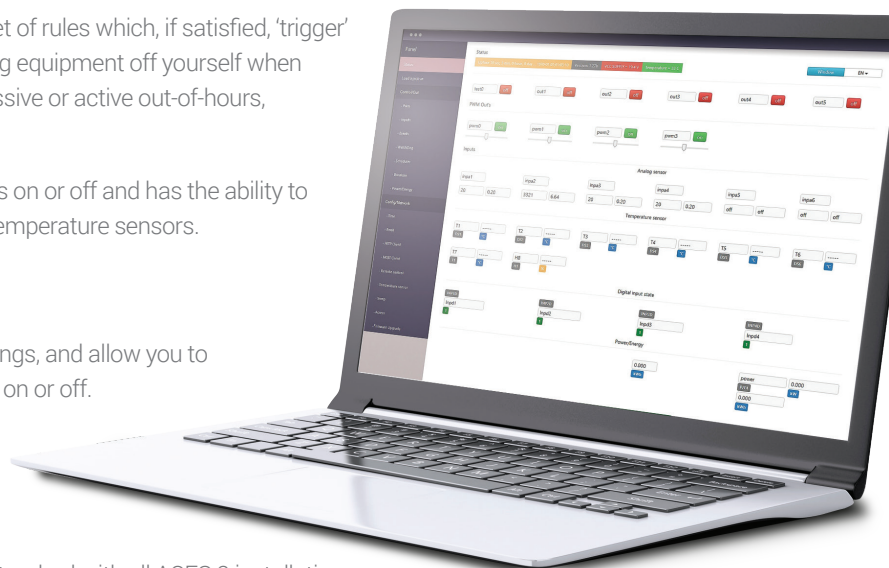
The ACES 2 offers up to 5 output relays to switch your devices on or off and has the ability to monitor up to 4 analogue inputs, 4 digital inputs and up to 6 temperature sensors.

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 logic 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.





“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!”

Dave Grinsted
Head of Technical Services
@ BEST Energy Saving Technology

The diagram features a black ACES 2 device with a glowing blue light bar and the text 'ACES 2' on its front. To the right, a series of blue, fan-shaped segments radiate from the device, each containing a white icon and a corresponding feature description:

- 5 switchable relays**: Represented by a clock icon.
- Up to 6 temperature probes**: Represented by a target icon.
- Up to 4 analogue inputs**: Represented by a circuit board icon.
- Up to 4 digital inputs**: Represented by a downward arrow icon.
- Onboard programmable logic controller**: Represented by a circuit board icon.
- View your inputs and outputs on graphs or charts**: Represented by a bar chart icon.
- Switch your devices on and off from anywhere via the cloud**: Represented by a cloud with a double-headed arrow icon.
- Easy to use onboard web interface and installation**: Represented by a smartphone icon.

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**