

E²SENSOR

a smart product by Racktivity



Racktivity developed the E²Sensor Family to give you [visibility of the environmental situation of your data centers and remote infrastructure](#).

Whether you are looking to monitor temperature, humidity, water leakage, movement, smoke detection or other parameters we have the E²Sensor available to fit your needs. The E²Sensor is designed to work with any Racktivity product featuring an R-BUS connector which includes the EnergySwitch smart PDUs, AC²Meter and DC²Meter.

The E²Sensor is a compact environmental sensor of 5cm (2 inches) that comes equipped with an OLED display. Deployment is simple via the standard RJ45 daisy chain connections and features multiple rack mount options. A simple push button allows [instant monitoring of all available metrics](#) such as temperature, humidity, leak detection, motion detection, rack door close sensor, smoke indication...

The sensors are fully compatible with our [DCPM](#), a Service Provider Infrastructure & Data Center Performance Management System, [allowing you to remotely monitor and manage power and critical environment metrics in your data centers and/or smaller distributed infrastructures](#).

•benefits & features

- › In combination with the other Racktivity products, the E²Sensor provides highly granular information
- › Full-feature and easy integration with our *Data Center Power Management (DCPM)* software
- › Integrated sensors for
 - Temperature
 - Humidity
 - Motion detection
- › Supported external environmental measurements include temperature, water leak, dry contact door position and smoke
- › With a simple push on the button you can scroll through the available metrics
- › Integrated info display
- › Simple to deploy using standard RJ45 daisy-chain cables
- › Can be equipped with 2 external temperature sensors, water leak detection cable or 2 analog outputs
- › Quick and easy rack mountable: with M5 screws, magnets or cable ties
- › Ultra compact design

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The logo for Racktivity, featuring the word "Racktivity" in a bold, blue, sans-serif font. The letter "R" is significantly larger and more stylized than the other letters, with a thick blue underline that extends across the width of the word.

E²SENSOR

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.technical specifications

MEASURE & DETECT

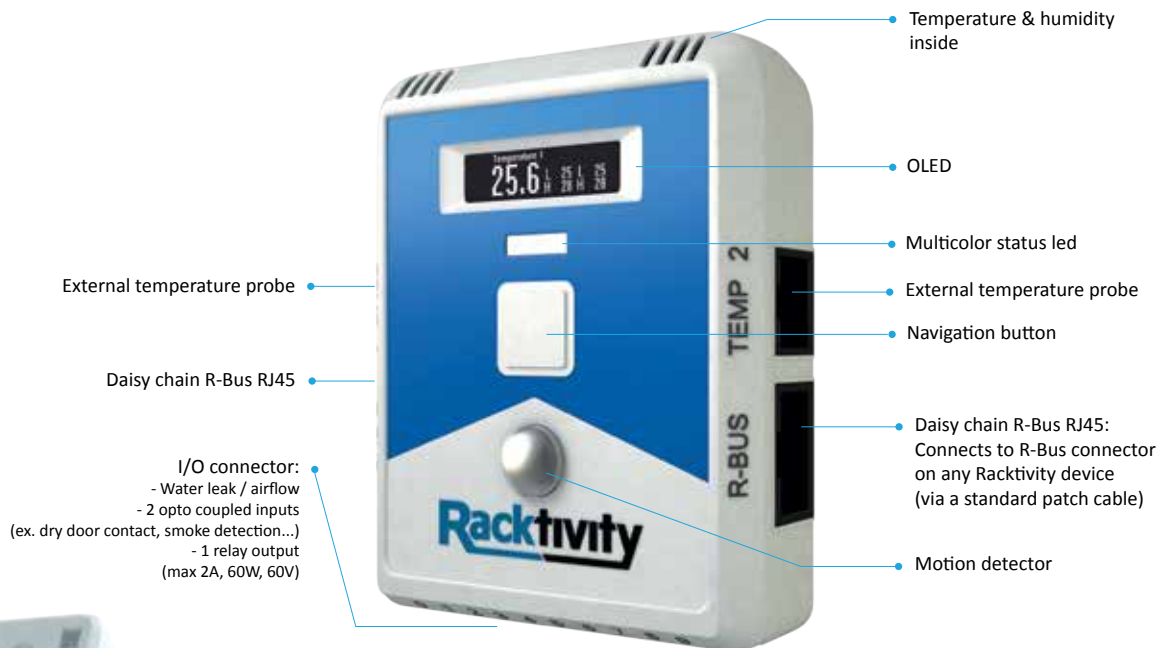
- › Temperature
- › Humidity
- › Water leak
- › Dry contact door position
- › Smoke detection
- › Motion detection

CONTROL

- › Racktivity R-BUS connectors for connecting AC²Sensors, DC²Sensors & EnergySwitch PDUs
- › Integrated info display
- › Scroll through the available metrics with a simple push on the button
- › Visible alarm indicator

OTHER

- › OLED with control button
- › CE/RoHS Compliant
- › Quick and easy rack mountable: with M5 screws, magnets or cable ties
- › Ultra compact design



BACK

The back panel features several mounting options to ensure proper installation in almost every situation.

(With either screws, cable tie or magnets)