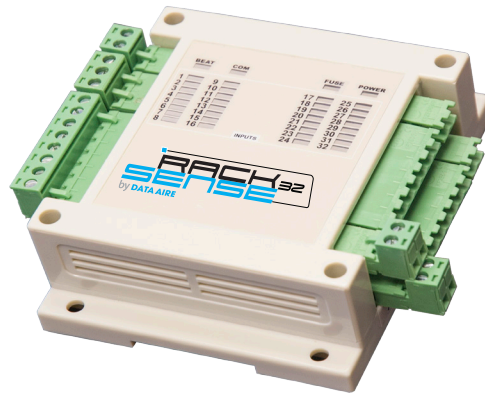


# RACK<sub>32</sub> SENSE

by dataaire

RackSense 32 Module is the latest technology from Data Aire allowing 32 rack temperature sensors to be connected to the dap4, the fastest and most advanced microprocessor controller, for monitoring and/or control. RackSense 32 provides reliable temperature readings in racks to ensure adequate cold air is provided to eliminate and prevent hot spots.

The RackSense 32 module is offered as an option in Data Aire's gForce floor mounted and In-Row cooling series.



- **Minimal power consumption** — Requires 24VAC, 100mA power input.

- **Safety** — Offers safety failure options and freeze-stat temperature options.

- **Zone Master For Rack Temperature Control [Optional]** — When units with RackSense 32 configuration are connected together using Zone Master set-up, two more Zone airflow control modes are added to the zone master's zone airflow.

## Features & Benefits:

- **Offers 5 selections in dap4 menu for rack temperature calculation** — Customize information based on:
  - Averaging of all control sensors
  - Highest of all control sensors
  - Averaging of highest selectable number of sensors
  - Highest of sensor groups
  - Averaging of highest selectable sensor group
- **32 Rack Temperature sensors** — Greatly reduces the risk of hot spots and optimizes air and cooling requirements.
- **Advanced control algorithm** — When connected to the dap4, RackSense 32 can control fan speed and monitor rack inlet air temperature.
- **Accurate communication** — With dap4 controller via Modbus 485.

## Additional Features:

- Rack high and low temperature alarm for each sensor
- Out-of-range sensor alarm
- Small footprint - 4.5" x 4.5" x 1.7"
- Flame proof plastic casing
- Standard din rail mounting

For detailed Wiring Instructions and Programming, download the RackSense 32 User Manual at [www.dataaire.com](http://www.dataaire.com).