ISENSOR CONTROLLER
ENVIRONMENTAL MONITORING

PRODUCT OVERVIEW

The iSensor Controller is a dual powered 1RU rack mountable device designed to provide Temperature and Humidity monitoring with the data centre environment.

It can be accessed via the in-built webserver through a web browser, or integrated into a remote management platform (NMS, BMS, DCIM etc.) using SNMP.

Features & Benefits

- **24 iSensorPlus sensors** - Each controller provides 24 iSensorPlus ports for connecting Temperature & Humidity sensors for deployment across the data centre utilising standard CAT5/6 cabling (to a maximum distance of 100m).
- **High/Low Alarm thresholds for Temperature and Humidity** - Option to set individual High and Low Alarms for both Temperature and Humidity on each sensor.
- **Monitoring/configuration via web browser and/or SNMP** - Monitoring of the iSensor Controller is possible over an Ethernet network via an internal web server, and SNMP registers.
- **E-mail notification** - Event notification through SNMP Traps are generated when thresholds are breached or contact status changes.
- **SNMP Traps** - Event notification through SNMP Traps are generated when thresholds are breached or contact status changes.
- **Remote Management Platform Integration** - Integrates to NMS, BMS, DCIM etc. management platforms using SNMP.
- **Optional Particle Sensors** - Particle Sensors enable the monitoring of dust particles in the data centre environment.
- **Optional Volt Free Contact Sensors** - Optional Volt Free Contact sensors are available for monitoring and alerting of status changes.

Specifications

- 24 x iSensorPlus Temperature/Humidity sensors included.
- Optional sensors - Particle and VFC.
- Network 10/100Mbps (Auto).
- Configuration/monitoring options - Internal website and SNMP.
- Power - Dual 240V IEC C13 (Max 0.5A).
- LED - Power supply (A & B), Ethernet, iSensorPlus Sensor status.
- Dimensions - 1RU x 155mm depth.
- Weight - 1.2Kg

Front View - iSensor Controller Front Panel
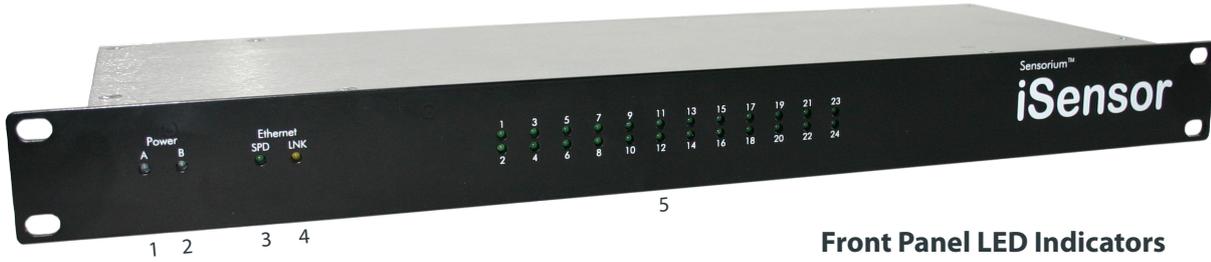
Front Panel LED Indicators

- Power supply A indicator (1).
- Power supply B indicator (2).
- Ethernet connection indicator (3).
- Ethernet data transfer indicator (4).
- iSensorPlus status indicators (5).

Rear View - iSensor Controller Rear Connections
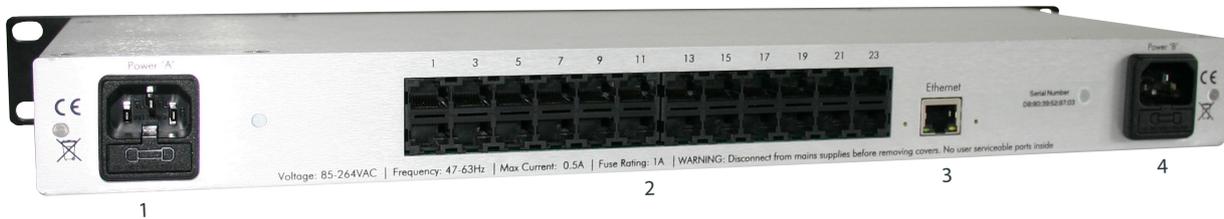
Rear Panel Connections List

- Dual AC power sockets - (1 & 4).
- 24 x iSensorPlus sensor sockets - (2).
- 10/100 Base-T Ethernet port (3).
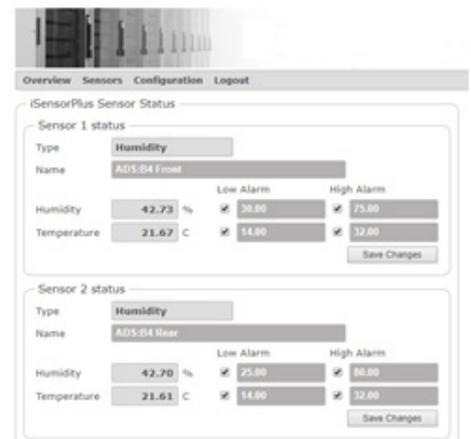
24 Temperature & Humidity sensors are included for deployment across the data centre utilising standard CAT5/6 cabling (to a maximum distance of 100m).

Optional Particle Sensors enable the monitoring of dust particles in the data centre environment.

Each iSensor controller includes a fully configurable webserver to enable standalone configuration and monitoring of up to 24 sensors.

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