

**Overview**

Trends towards consolidation and higher-density computing configurations increasing the requirement of climate monitoring today. NetRack along with Raritan and EMKA offer different options.

Display based Monitoring system to monitor temperature, humidity and smoke, with inbuilt capability for further automation like fan control with set points and alarming. Standard configuration include 5 sensor inputs (3-temperature 1 Humidity & 1 smoke) 2 relays out puts (Hooter and Fan Control)



Central Control / Display Unit

**Features**

- Monitors the temperature, humidity & smoke inside the enclosure out put to alarm relay and one additional relay out put for further automation / Trip /
- Fan control with set point
- Temperature and Humidity can be set for low and high value
- Smoke detection and alarming
- Audio-Video Alarm (Audio-Buzzer and Video-Fault Type on Display Unit) in the event of fault



Sensor Humidity & Temperature



Sensor / Smoke

**Model Matrix**

Description	Part No.
Central Control unit /1U	CMM-CU-1
Sensor / Temperature	CMM-S-T
Sensor / Humidity	CMM-S-H
Sensor / Smoke	CMM-S-S
Smoke Detector / Hooter	SD-H
Fan Control Unit / Temperature	FCU-T-001

## Climate Monitoring on IP



Feature Port for Temperature & Humidity Sensor

IP based Climate Monitoring (Temperature & Humidity), along with Intelligent Raritan PDU and sensor modules



Environmental Sensor



IP based complete Electronic Locking & monitoring climate monitoring along with EMKA Rack Monitoring Systems

## Smart Rack Controller (EMX) from Raritan



Raritan's environmental rack controller is an IP-based appliance that allows you to use any of Raritan's sensors such as temperature, humidity, air pressure and airflow

- Works with Raritan's Power IQ<sup>®</sup> energy management software and dcTracke<sup>®</sup> DCIM software
- Up to 16 sensors per EMX2-111
- Up to 128 sensors per EMX2-888
- Wired or wireless network options
- USB camera option

### Environment Sensors

- Temperature
- Humidity
- Airflow
- Air pressure
- Contact closure enables use of additional sensors, including water, smoke, door open/closed and door locked.