

# Remote Physical Monitor (RPM)

## Product Specification/Installation Sheet



### Description

The RPM is the new standard in physical and environmental monitoring devices designed to monitor temperature, humidity, airflow, water, voltage, current, motion, smoke, and contact closures and notify personnel when those conditions exceed user-defined limits. The RPM can also control power outlets.

The RPM relies on new Remote Intelligent Multi Sensors™, RIMS, that not only make environmental and security readings but can store those readings as well. Each RIMS is a Daisy Chain Sensor®, so multiple RIMS can be plugged into one RPM sensor port. RIMS can be up to 1000 ft. away from the RPM with no external power needed. Because each RIMS can make and store its own readings there is no data logging delays. Each RIMS has a battery backed clock so you can be assured each data point is properly recorded. RIMS generate events when internally monitored thresholds are broken.

There are four RIMS models:

#### Temperature/Humidity/Airflow/Dry Contact RIMS

- Accuracy to 0.1
- Monitor Temperature (Celsius, Fahrenheit, or Kelvin scale)
- Humidity
- True airflow readings
- Dry contact sensor can auto detect smoke, water, security, and motion sensors
- Dry output sensor that can change state on alarm

#### Voltage RIMS

- Power on/off/reboot 120V-250V x 2 power outlets
- Monitor current draw on each outlet
- 2 IEC Connections
- Change in RIMS power does not change outlet state
- Each outlet is independent
- Each outlet can change state on other sensor events
- Temperature sensor included

#### Dry Contact RIMS (10 Port)

- Monitor dry inputs
- Auto detect Smoke, Water, Security, Motion sensors
- Temperature sensor included

#### RS-232 RIMS

- Web-Enable to Monitor & Control approved manufacturers' power strips
- Temperature sensor included

### Features and Benefits

LCD Screen makes critical information available at a glance:

- Sensor status
- Sensor value
- Alarm logs
- Network settings
- PoE (Power over Ethernet)
- IEC power connection
- DB-9 external SMS Modem connection
- Audible Alarm

Requires No Software

Network connectivity

- Supports SNMP v1, v2, v3
- Web access (HTTP)
- Supports DHCP
- SNTP – Simple network time to keep log times accurate
- Authenticated E-mail notification
- SNMP traps – Multiple trap destinations

Four user-defined thresholds for each RIMS:

- High critical
- High warning
- Low warning
- Low critical

Full password protection

Superior graphing capability

1 U of rack space required (19" or 24")

