



TEMPERATURE HUMIDITY MONITOR

Temperature Humidity Monitor as the name itself suggests, monitors the Temperature and Humidity of the server room area and alerts the maintenance personnel when the temperature/ humidity reaches above the set level.

Monitoring the environmental components of the server room help reduce the server down time and also reduce the maintenance costs.

It is essential to maintain the temperature between 20 °C and 24 °C for the Server's reliable operation. So whenever the temperature goes below / above this level or any other set level the maintenance personnel are informed.

FEATURES

Local Alert

A buzzer or hooter is provided to alert the local personal.

Auto Dialer

An auto dialer is provided to dial to the pre programmed numbers and play the prerecorded message.

SMS

SMS are sent to the pre programmed mobile numbers in case of an alert event.

Email

Daily email alerts and critical alerts can be sent.

Daily email alerts reports on hourly average temperature, peak and low temperature.

Software

HumTemp software to configure the instrument, to generate reports.

Temperature Humidity Sensor

This sensor is connected through Rs - 485 link with main board. up to 32 sensors can be connected.

These sensors can be connected through wireless modules.

Specification of the temperature Humidity Sensor:

Pre calibrated Sensor

Humidity accuracy : $\pm 1.8\%$

Temperature accuracy: $\pm 0.3C$

Temperature resolution: $\pm 0.01C$

Humidity resolution: $\pm 0.03\%$

Temperature Range: -40C To 123C

Humidity Range: 0- 100%

Door Sensor

Magnetic sensor - Provision for one sensor.

Light Sensor

LDR to detect light level.

GSM MODEM

To send SMS.

Auto Dialer

To call maintenance personnel on events.

Up to 50 telephone numbers can be saved.

Maximum length of message: Three minutes.



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