

Complete Server Room Environment Monitoring

Peace of Mind You Can Afford

Features

- **Monitor** temperature and humidity 24/7 for one location.
- **Measure** temperature in Fahrenheit, Celsius, Kelvin, Rankin. Humidity as a percentage scale.
- **Email** alerts sent when parameters meet warning level
- **SMS** alerts sent to mobile and landline phones when you're away from your screen or on the move
- **View** temperature and humidity data remotely
- **Schedule** actions throughout the week
- **Graph** and log data
- **Integrate** it with 3rd Party Applications
- **Compact** wall-mountable device

Package Includes

- EM1 Environment Monitor Base Unit with built-in web server
- 3m Combined Temperature/Humidity Probe
- 1 licence of Monitoring and alerting Software
- SAMBA 55 GSM Modem
- Getting Started Guide



Environment Protector Solution

Imagine you leave the office for the weekend, everything's fine Friday night, then 6pm Saturday your air conditioning system breaks down. You have no idea. Your air conditioning engineer has no idea. You walk in Monday morning to find that your servers are cooking beautifully!

There's a simple way to ensure this never happens to you. The Environment Protector Solution is a complete Temperature and Humidity Monitoring and Alerting solution to make it affordable and easy to monitor and alert to server room conditions. The solution takes about 15 minutes to set up and then you forget about it, safe in the knowledge that if there is a problem you'll get a warning and be able to do something before there's any impact on your users.

Expandable System

The Environment Protector grows as your server room grows. You can add another 3 temperature/humidity probes and up to 4 wetness probes to the base unit you have, or add further units.

Why use OPENXTRA

People at OPENXTRA will always give you honest friendly advice and we make the effort to get the answers to your questions. We allow you to purchase the way you want, and we deliver quickly and reliably.



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Technical Specification

Environmental Monitor and Probes

Operating Range: -40°C to +50°C
-40°F to +122°F

Resolution: 0.1°F, °C, °F, °K

Probe Accuracy: 0.3°C from -3°C to +50°C
0.8°C from 40°C to +100°C

0.5°F from -20°F to +120°F
1.5°F from -40°F to +212°F

Humidity: 2%RH from 5% to 95% RH Non-condensing

Measurement Interval: 3 Seconds

Units Selectable: °F, °C, Kelvin, Rankin

Power Supply: 9V DC@250mA

Dimensions: 10.8cm x 8.3cm x 2cm

Weight: 1.3Kg w/ cables

Probes: 3m Temp/Humidity probe, other lengths and wetness probes available

Computer Interface: RS232C (25 pin Female D connector)

Ethernet Connectivity: RJ45

Set IP Address, Netmask and Gateway and begin collecting data. Also supports DHCP Internal Web Server on Port 80 (or user selected port)

SAMBA 55 GSM Modem

Tri-Band GSM/GPRS at 900/1800/1900 MHz

Powered USB port

Voice, Data, Fax, SMS transmission

GPRS-Data (Class 10) downlink to 85.6kbps, uplink 42.8kbps, Complete with headset

Dimensions: (L x W x H) 88.7 x 37.6 x 12.6mm

Weight: 79gr

Interfaces: 2.5mm Headphone socket
USB

SIM Card Reader

Also Available

Temperature Protector Package



- Monitors temperature in 4 locations 24/7
- Set up thresholds log and graph temperature
- Alerts via email and SMS text to mobiles and landlines

Server Protector Package



- Monitors temperature in 16 locations 24/7
- Set up thresholds, log and graph temperature
- Alerts via email and SMS text to mobiles and landlines

Basic Protector Package



- Serial device, good for intermittent monitoring
- Monitors temperature in one location
- Set up thresholds log and graph temperature
- Alerts via email

All Components are also available as separate items for multiple or larger installations

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