

WE SENSE DISASTER...  
AND NOW YOU ARE IN CONTROL...

## sensorProbe2

SNMP-based Environmental and Security Monitoring Solution



### Applications

#### Monitoring Solutions for :

- Data Center
- Telecommunication Room
- Network Equipment
- Remote ATM
- Rackmount
- Air Conditioning
- Cold Storage & Food industry
- Warehousing
- Medical & Pharmaceutical
- Building & Real estate Management

Does maintaining your infrastructure keep you on the edge?  
Is your infrastructure designed to control the unpredictable?  
Simple, Small and Cost Effective.

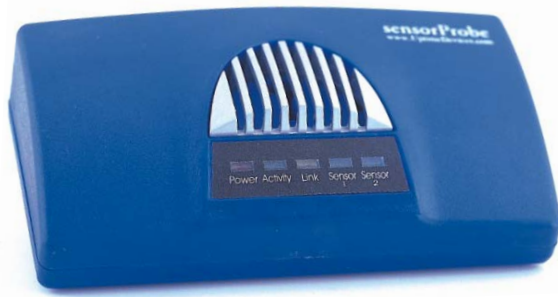
Safeguard your infrastructure, resources and investment from  
external disaster before it happens.

### Features

- Web Enabled - Embedded web server
- Email Notification
- SNMP trap notification
- Full SNMP v1 Compliant
- NMS Integration

No software required. Ready to use right out of the box!

Intelligent monitoring solutions for your enterprise resources



## sensorProbe2

Simple, Accurate and Rugged, **sensorProbe2** is a low cost SNMP enable and Web-based Environmental Monitoring Device. It is based on years of industry experience. It is ready to run right out of the box. Simply assign the IP address and connect to the embedded webserver.

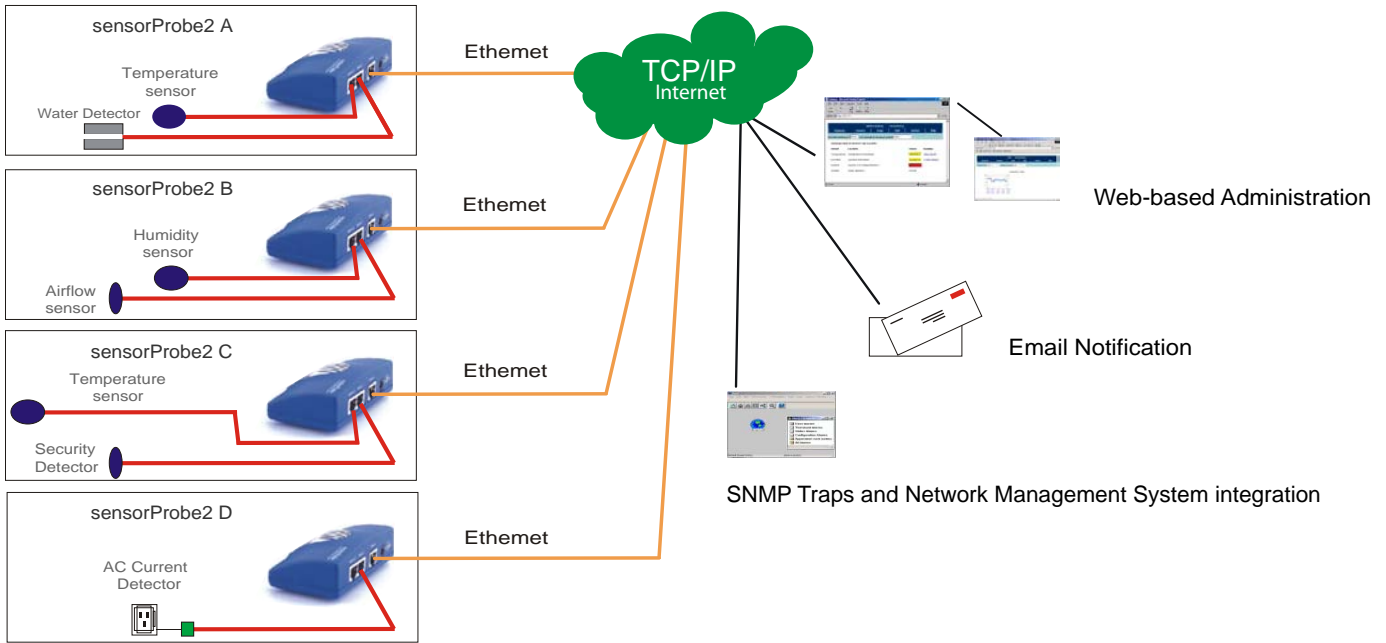
**sensorProbe2** has been field-proven with versatile measurement options. It can be configured to prevent specific kinds of exposure to humidity, water leakage, gas, air flow and low/high temperature, etc. It does support other sensors which can monitor voltage drop, security, analog and dry contacts. It is customizable to any other sensors like Motion, Gas and Sound Sensor.

Plug in any of our intelligent sensors and the **sensorProbe2** autosense feature will recognize the type and automatically configure it. The sensorProbe monitors your equipment's environmental variations, and notify's you through "Email or SNMP Alerts in your Network Management system" in advance and prevents any disaster. The user-friendly web interface allows you to monitor and control the sensorProbe2 from anywhere remotely. It also provides you the graphical representation of environmental conditions.

**sensorProbe2** has been tightly integrated with Network Management Systems like HP Openview, CA TNG Unicenter, IBM Tivoli and WhatsUp Gold. The sensorProbe is designed to run for years non-stop.

## Features

- Comes complete with temperature sensor, SNMP MIB and software
- Supports all major communications protocols
- Embedded web-server allows all parameters to be easily configured
- Supports up to 2 of our intelligent autosense sensors simultaneously
- Full SNMP v1 compliant
- Includes SNMP MIB
- Includes SNMP utilities for setting and getting parameters
- Supports SNMP polling allowing the sensor values to be collected and graphed with host applications
- Sends trap notifications to two destinations
- Sends email notifications to two email addresses
- Email and traps include the sensor description and current sensor value
- User configurable thresholds for all sensors
- Email



## Environmental Sensors

INTELLIGENT SENSORS



### Temperature/Humidity Sensor

Up to two Temperature/humidity sensors can be plugged into RJ-45 jacks on the sensorProbe2. The Temperature/Humidity sensor comes with 1 foot of cable. The humidity sensor has its own SNMP OID so that data can be collected over the network and graphed.



### Security Sensors

Security sensor with an ALARM/NORMAL indication in software. Unlimited number of security sensors which can detect doors and windows being opened or closed. SNMP interface for alarm/normal status. SNMP traps sent when critical.



### Temperature Sensor

Up to two temperature sensors can be plugged into RJ-45 jacks on the sensorProbe. The sensorProbe comes with a one foot temperature sensor. Temperature sensors can be extended with standard CAT5e network cable up to 1000 feet, allowing the sensorProbe2 be positioned in hot spots.



### Voltage Sensors

Voltage Monitor sensor with an ALARM/NORMAL indication in software. Up to two voltage sensors per sensorProbe2. Voltage sensors can detect the presence or the absence of line voltage.



### Water Sensors

The water detector sensor is an advanced microprocessor based design, capable of detecting distilled water. This water detector is designed and manufactured by AKCP.



### 4-20 mA Converter

The 4-20 mA signal converter is used to integrate the sensorProbe2 with a 4-20 mA transmitter. 4-20 mA technology is used to communicate analog signals over long distances where electrical interference is a problem.

## Specifications

### Dimension

- Size 4.5" x 2.5" x 1.25"
- Weight 0.242 pounds

### Power Requirements

- Voltage 7.0 - 9 V / >= 1.2 Amp

### Power Consumption

- Typical 1.125 Watt, 0.15A

### Inputs

- 2 RJ-45 ports for connecting AKCP sensors
- Configurable analog inputs on any of the 2 RJ-45 sensor ports (0-5VDC)

### Network Interface

- Standard 10 Base-T Ethernet RJ-45

### Status Indication

- LED indication for Power
- LED for Network Connectivity
- LED for sensor online and threshold status

### Operating Environment

- Temperature : Min. -35° C - Max. 80° C
- Humidity : Min. 20% - Max. 80% (Non-Condensing)

### Mounting

- 0u rackmount, or wall hanging

### Output

- Configurable output signals (0VDC/5VDC) on any of the 2 RJ-45 sensor ports

### Components

- Manufactured using highly integrated, low power surface mount technology to ensure long term reliability.

## Industry Certifications & Network Management Systems

AKCP offers NMS integration for leading network management systems such as:

AdRem NetCrunch  
 Quest Software – Big Brother  
 Castle Rock  
 HP OpenView

IBM Tivoli  
 LorientPro  
 Logalot  
 MRTG

SiteScope  
 Somix - WebNM and Denika  
 WhatsUp Gold  
 Computer Associates Unicenter TNG

### Corporate/ Registered Office

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