

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

AKCP



Innovative technology drives AKCP

AKCP is the oldest and largest manufacturer of SNMP-based environmental and security monitoring solutions. Over 25,000 organizations use AKCP solutions for disaster prevention and infrastructure security, providing early warning of threats to the integrity of a company's data and assets. AKCP serves the Telecommunications, Power, and Consumer Industries, Corporate Data Centers, Wiring Closets, Hospitals, Educational Institutions, Defense and Aerospace, and many more industries requiring the ultimate in natural and man made disaster prevention.

Since its founding in 1981 AKCP has progressed from a United States based computer consulting firm into a multi-national manufacturer and developer of SNMP-based intelligent monitoring devices. AKCP's growth has been fuelled by customer satisfaction and the solid reputation it has earned for the power and reliability of its products. There are no known bugs in AKCP's monitoring devices for the simple reason that any problem encountered by a customer will receive top priority by AKCP's engineering team, who will not rest until a solid solution has been applied.

AKCP's R&D center in Bangkok, Thailand specializes in SNMP-based networking and embedded device technology and employs the best and brightest from South-East Asia's top universities to develop new products and to improve current ones. AKCP provides an outstanding level of support to all customers with every customer having access to the companies technical and development staff. AKCP's success is based on this winning combination of technical excellence and total support.

AKCP was founded by enthusiasts who enjoy technological creativity and innovation for its own sake, people who believe that the pursuit of excellence is its own reward. This remains AKCP's core philosophy. AKCP created and still defines the market for network based environmental and security monitoring solutions. By setting the standards for technical achievement and innovation AKCP remains at the head of the field and in fact AKCP is the industry standard in the field of SNMP-based monitoring.

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.

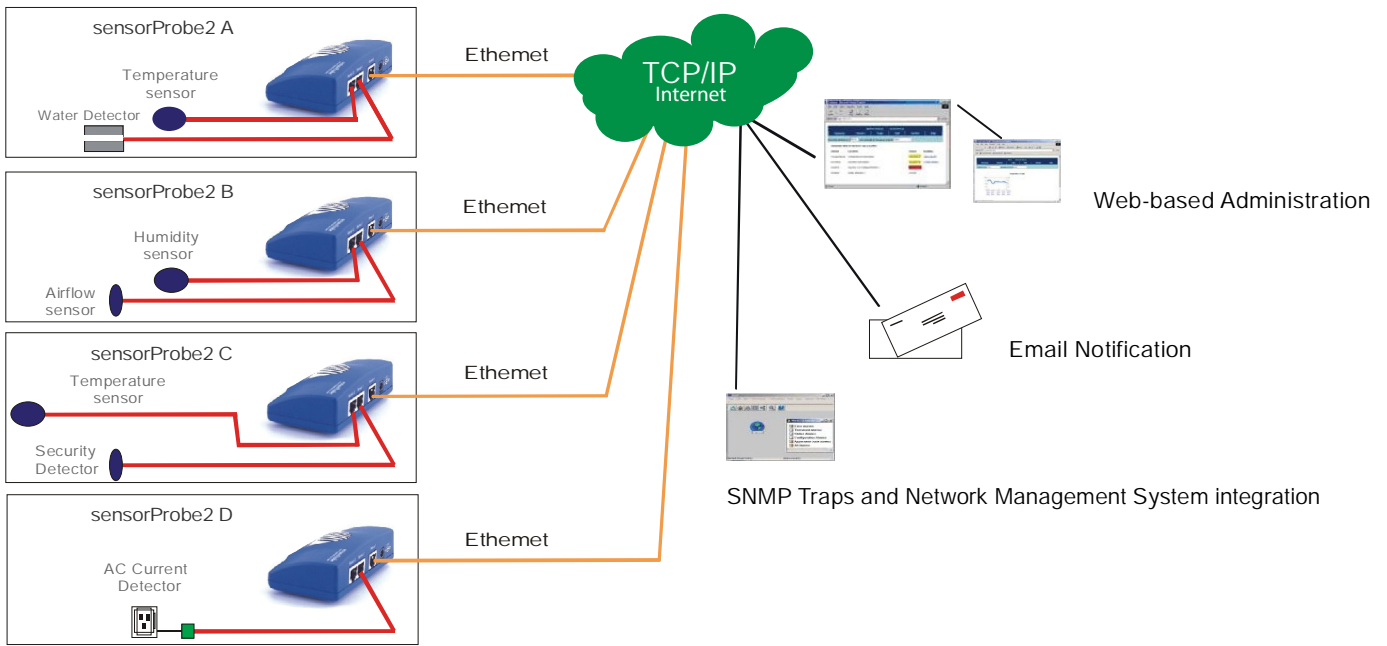
sensorProbe2 has been field-proven with versatile measurement options. It can be configured to prevent specific kinds of exposure to humidity, water leakage, gas, air flow and low/high temperature, etc. It does support other sensors which can monitor voltage drop, security, analog and dry contacts. It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



User Friendly

The screenshots demonstrate the user-friendly web interface of the AKCP sensorProbe2 v 2.0. The interface is accessible via a web browser and provides a comprehensive overview of the sensor's status and configuration.

Summary View: The top section shows a summary of the sensor's location, system time, and a table of online status for various sensors. The table includes columns for Port, IP, Name, Description, Reading, Status, and Alarm.

Port	IP	Name	Description	Reading	Status	Alarm
1	192.168.1.10	Humidity	Humidity sensor (RH)	78%	Warning	None
2	192.168.1.10	Temperature	Temperature sensor (1D)	25.0°C	Warning	None

Sensor Settings: The interface allows for detailed configuration of each sensor, including setting thresholds, enabling traps, and configuring email notifications. For example, the Humidity sensor settings show a current reading of 78% and a status of 'Warning'.

Humidity1 Description Graph: A line graph displays the humidity percentage over time. The graph shows a fluctuating trend with a current value of 63%. Below the graph, a summary of humidity statistics is provided:

- Humidity1 Description:**
 - Average high data: 76
 - Average low data: 55
 - Instantaneous high data: 77
 - Instantaneous low data: 55
 - The Humidity is now: 63%

The interface also includes a 'Turn on auto-scale' option and a 'Download Data' button. The bottom of the page displays the copyright information: ©2009 AKCP Inc. All rights reserved.



Specifications

Dimension

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

Network Interface

- Standard 10 Base-T Ethernet RJ-45

Power Supply

- Voltage 7 - 9 V
- Current \geq 1 Amp

Output

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

Inputs

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

Operating Environment

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

Mounting

- 0u rackmount, or wall hanging

Status Indication

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

Components

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