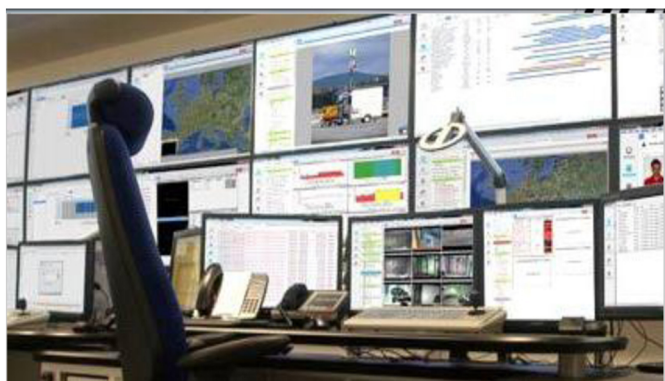![AKCP logo](Power.Sensors.Security)

# sensorProbe8



A high-speed, accurate and intelligent monitoring device. The sensor Probe8 is a completely embedded host with a proprietary Linux like OS which includes TCP/IP stack, a built-in web-server and full Email and SNMP functionality.



Based on years of Industry experience it's ready to run right out of the box, simply assign the IP address and connect to the embedded web server.

# AKCess Pro Server
## Free with all AKCP hardware



Take control of your data center power distribution, sensor monitoring, access control and security cameras. All from a single piece of software

Create custom maps of data rooms. Overlay power outlets, environmental sensors, access points and security camers

Deploy a hierarchy of notifications using SMS. Email or relay actions to trigger corrective action. Monitor cabinet security and record video events of unauthorized cabinet entry attempts and more..

## Introducing the sensorProbe8

**sensorProbe8** can record all events in its database with a time stamp of when the sensor alarm was raised and the action taken place. A standalone product with no external software dependencies, the sensorProbe8 gives you the very best for your monitoring needs. It has 8 auto-sense intelligent sensor ports which work with a wide range of AKCP intelligent sensors. It can use any combination of sensors to monitor temperature, humidity, water leakage, airflow, security and even controlrelays.
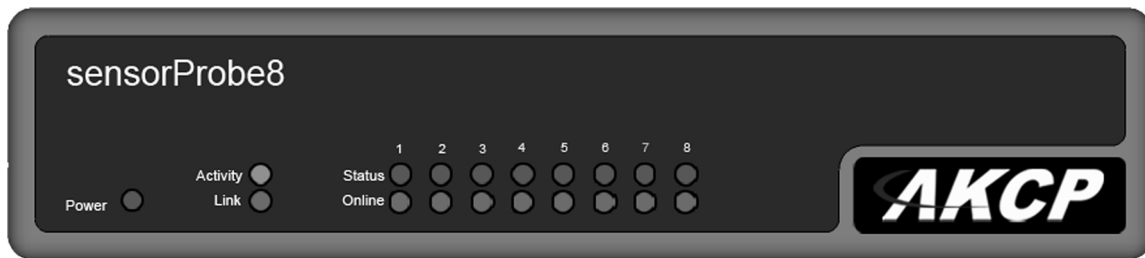
**sensorProbe8 Monitoring System**

AKCP sensors can also be used to detect AC voltage and measure DC voltage. Our sensors include an integrated data collection and graphing package to spot trends in the airflow, temperature and humidity.

**sensorProbe8 safeguards your infrastructure, resources and investment from external disaster before it happens.**
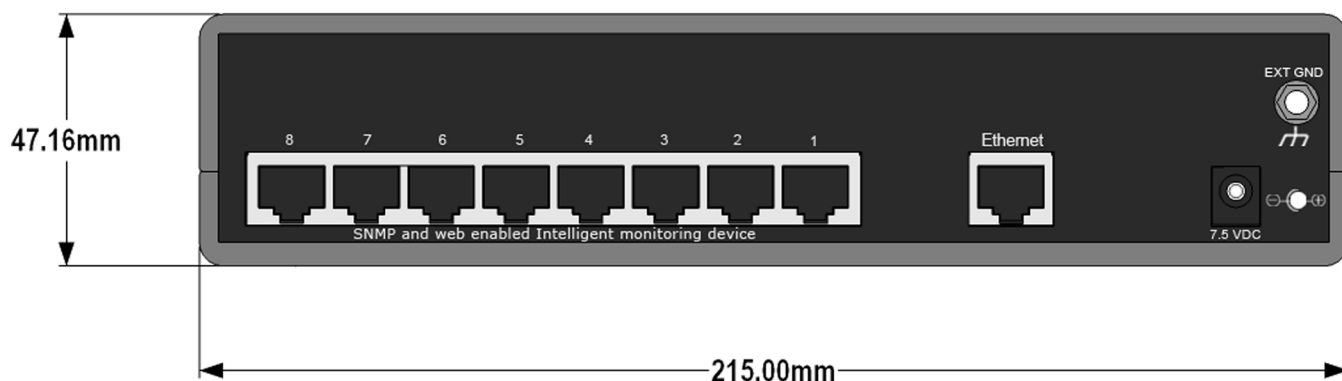
## sensorProbe8's Main Features

- Fully embedded TCP/IP and web-server.

- Built-in notification features - Email and SNMP traps.

- 8 auto-sense ports for connecting any AKCP sensors.

- A new improved web-based interface for easy configuration and monitoring.

- Continuous time feature on every sensor port to eliminate false warning alerts.

- Login for User and Administrator for better security

- Battery backed time of day clock for an accurate system date and time.

- A standalone product without any external hardware and software dependencies.

- Micro code firmware update over the Internet.

- Customized color configuration for displaying alerts.
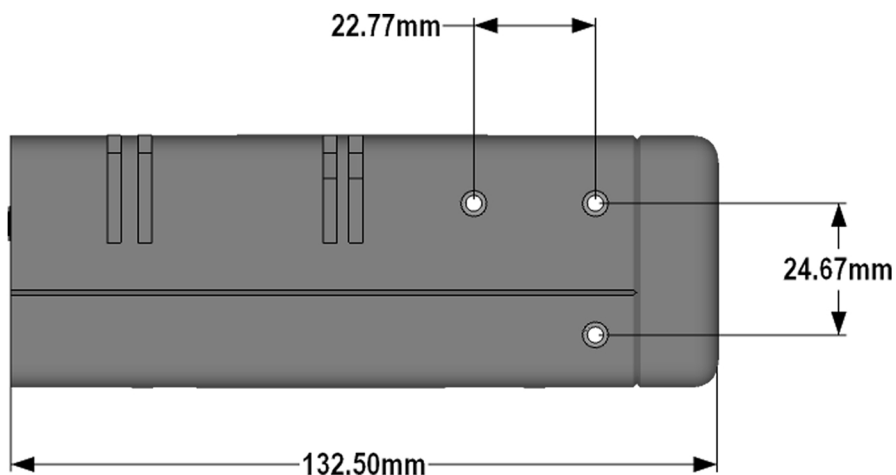
- Network Management System Integration.

## Technical Drawing



**Front**



47.16mm

215.00mm

**Rear**



22.77mm

24.67mm

132.50mm

**Side**

# Technical Specifications

| | |
|---|---|
| **Dimension :** | Size 8.5" x 5.43" x 1.80"<br>1U Rack Mount Standard<br>Weight 1.72 pounds |
| **Network Interface :** | Standard 10 Base-T Ethernet RJ-45 |
| **Mounting :** | 1U Rack mount bracket included |
| **Power Requirements :** | Voltage 7.5 – 9 v<br>Current>= 1.2 Amp |
| **Status Indication :** | LED indication for Power<br>LED for Network Connectivity<br>LED for sensor online and<br>Threshold status |
| **Output :** | Configurable output signals<br>(0VDC/5VDC) on any of the 8<br>RJ-45 sensor ports |
| **Input :** | 8x RJ-45 ports for connecting AKCP sensors |
| **Operating Environment :** | Temp : Min. -35°C - Max. +55°C<br>Humidity : Min. 20% - Max. 80%<br>(Non-Condensing) |
| **Components :** | Manufactured using highly integrated, low power surface mount technology to ensure long term reliability. |
| **Power Consumption :** | Typical 1.12 Watt, 0.15A |
| **PoE – Power Over Ethernet :** | SP8 PoE is IEEE 802.3af compliant |

# Industry Certifications & Network Management Systems

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

- AdRem NetCrunch
- IBM Tivoli
- SiteScope
- Quest Software – Big Brother
- Loriot Pro
- Somis WebNM and Denika

- Castle Rock
- Logalot
- WhatsUp Gold
- HP OpenView
- MRTG
- Computer Associates Unicenter TNG

## Support and Warranty

- **5 year Limited Warranty.**
- **Unlimited Lifetime Support.**
- **Free Firmware Updates**
- **Full, Easy to Follow Documentation.**

# About AKCP

AKCP established in the USA in 1981, created the market for networked temperature, environmental and power monitoring solutions. Today with over 100 employees and 130,000 installations, AKCP is the world's oldest and largest manufacturer of SNMP enabled networked sensors for the data center.