

sensorProbe-60 von AKCP **Überwachung von 8 intelligenten Sensoren und 60 Eingangskontakten**



sensorProbe8-X60

Intelligent monitoring solutions for your Enterprise resources!!!

Many different types of equipment and devices use dry contact outputs to send alarm signals to remote panels, remote monitoring systems, and building management systems. Communicating the status of these dry contact systems is important in a complex Enterprise network, or automation industry to protect the mission critical installations of expensive equipment.

The sensorProbe8-X60 is the next generation dry contact device from AKCP. The SP8-X60 is based on AKCP's sensorProbe™ technology with an advanced 60 dry contact inputs. It comes in a 2U rackmount box. The SP8-X60 gives you complete of your enterprise infrastructure security.

Architecture

At the core of the SP8-X60 is the sensorProbe8, which is then married with the 60 dry contact system. This offers support for remote monitoring and management of various external devices. This integrated system enables connection and monitoring of devices like HVAC systems, Security Equipment, UPS, Generators, Industrial Equipment etc. The SP8-X60 embedded web server makes the addition of these devices easy.

The SP8X-60 comes with 8 full autoSense RJ45 ports for connecting any of our intelligent sensors. An additional 60, 2 wire dry contact ports are provided giving a total of up to 68 dry contact ports. The specially designed 2 wire dry contact ports are easy to use and allow you to make your own dry contact cables quickly and easily.

The SP8-X60 is a completely embedded host and comes with a proprietary Linux-like Operating System. It is equipped with a TCP/IP stack, internal web Server, e-mail and Full SNMP functionality. SMS notifications can be sent via a 3rd party email-to-SMS gateway. The SP8-X60 is virtually a 'plug n play' device and is extremely easy to use and maintain. The installation process is also simple and one does not need additional power supply or batteries when new optional sensors are added.

Intelligent Sensor and Dry contact Integration

The SP8-X60 works with every intelligent sensor in the AKCP family. You can connect up to 8 of our autoSense sensors in any combination to monitor temperature, humidity, water leakage and airflow including long term graphing, security, detection of AC power line voltage, measurement of Digital Voltmeter, control relays, and many more such uses. The AKCP range of sensors also includes an integrated data collection and graphing package that is especially useful in spotting trends and providing information for analysis.

The new feature in sensorProbe8-X60 is, the integration with a single chip relative humidity and temperature multi sensor module comprising a calibrated digital output. The sensor includes a capacitive polymer sensing element for relative humidity and a bandgap temperature sensor. Both are seamlessly coupled to a 14bit analog to digital converter and a serial interface circuit on the same chip. This results in superior signal quality, a fast response time and insensitivity to external disturbances (EMC). By having both temperature & humidity sensors in a single sensor, the sensorProbe8-X60 can have up to a maximum of 8 temperature & 8 humidity sensors. This extends the capability of the sensorProbe8-X60 to maximum of 16 sensing parameters.

Installations

The installation of SP8-X60 is simple and easy, just plug in the device to your network, and assign a IP address. Use the IP address to access the web based interface through your browser. The new improved web interface gives you the freedom to configure the dry contacts and setting the alarms to keep you informed.

Online firmware update

The sensorProbe8's advanced encrypted micro code updating program can easily and effectively update your firmware over the Internet. The embedded database has an in-built time stamp that maintains a log of all events. This ensures that you don't have to spend valuable time or money looking for ways to upgrade your SP8-X60.

Integration with Network Management System.

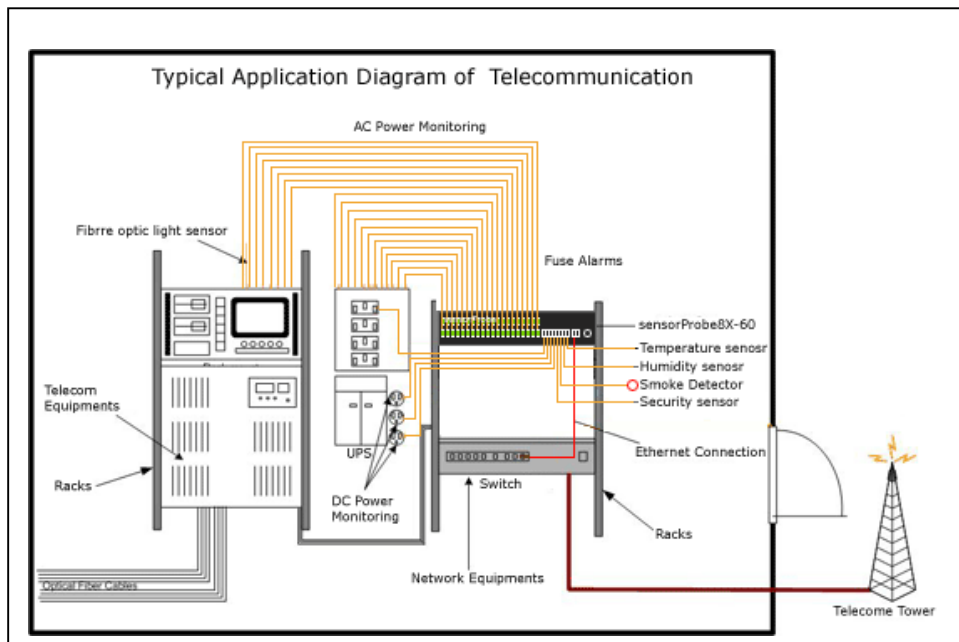
The SP8-X60 is fully embedded with SNMP, means a tightly integrated solution for integrating with any of your SNMP based network management systems.

Features

- Fully embedded TCP/IP and Web server
- Built in notification features - Email and SNMP traps
- 8 autosense ports for connecting any sensor from the AKCP family.
- A new improved web based interface for easy configuring and monitoring.
- Login for User and Administrator for better security
- Battery backed time of day clock for an accurate system date and time
- System logging features with time, date, action.
- 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

Advantages

- One year warranty, Optional two year warranty
- Unlimited lifetime support
- Includes complete, easy to understand documentation



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