

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
LoriotPro
Logalot
MRTG

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

Specifications

Dimension

- Size : 10.83" x 5.43" x 1.80"
- (camera dome height 3.62")
- Weight : 2.4 pounds

Power Requirements

- Voltage 7.0 - 9 V / >= 3 Amp

Power Consumption

- Typical 6.150 Watt, 0.82A

Inputs

- 8 RJ-45 ports for connecting AKCP sensors
- Video Input port VI-4, NTSC/PAL, Jack BNC 750 hm 30 Au
- 1 USB port (Version1.1)
Audio In (Analog) 2.5" jack
- RS485, 2 pin Terminal box, (used for Modbus)
- Line In, 2.5" jack

Network Interface

- 1 Serial port
- 1 Standard 10/100 Base-T Ethernet RJ-45 port

Status Indication

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

Operating Environment

- Temperature : Min. -35° C - Max. +55° C
- Humidity : Min. 20% - Max. 80% (Non-Condensing)

MTBF

- 400,000 Hours

Mounting

- Optional wall mount brackets are available.
- Rack mount brackets included

Output

- Ext. Speaker Out, 2.5" jack (Analog)
- Mic Out, 2.5" jack (Analog) (for modem application)
- RS485, 2 pin Terminal box, (used for Modbus)

Components

- Manufactured using highly integrated, low power surface mount technology to ensure long term reliability.
- 32-bit Xscale PXA270 312 mhz Processor running Linux Kernel
- 128 MB Flash memory
- 64 MB SDRAM

Support and Warranty

- One year limited warranty, Optional 2 year warranty.
- Unlimited lifetime support.
- Includes full, easy to understand documentation.

Environmental & Security Sensors



Temperature Sensor

This sensor is of the semiconductor, microprocessor controlled type designed to record accurate temperature data. This sensor can be extended to 1,000 feet and has its own SNMP OID so that data can be collected over the network and graphed. There is also a waterproof version of this sensor.



4-20mA Current-to-Voltage Converter

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



Temperature & Humidity Sensor

This dual sensor has both temperature and humidity measuring capabilities in a single sensor. It has its own SNMP OID so that the data can be collected over the network and graphed. There is also a waterproof version of this sensor.



Digital Voltmeter

This sensor allows integration to a custom sensor to the sensorProbe product line while still retaining all the features of the standard sensor. The Digital Voltmeter has full range of functionality including SNMP integration, email and trap generation upon user configurable limits and thresholds.



Thermocouple Sensor

This thermocouple sensor is designed for industrial and scientific purposes. The AKCP type K Thermocouple sensor has the ability to measure temperatures from -270 Celsius (-454 Fahrenheit) to 1372 Celsius (2501 Fahrenheit).



Security Sensor

Security sensors can detect doors and windows being opened or closed. SNMP traps are sent when critical. The traps are generated by the sensorProbe, along with other notification types.



Water Sensor

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



Motion Detector

This passive infrared motion detector detects the presence of movement. Up to 10 motion detectors can be linked together and plugged into a single sensor port.



Airflow Sensor

The airflow sensor is designed for systems that generate heat in the course of their operation and a steady flow of air is necessary to dissipate the heat. In addition to an on/off indication on the sensor's web-interface, it can graph the analog values over a period of time.



Siren and Strobe Light

This sensorProbe accessory is a combined strobe light and siren which adds an eye-catching audio/visual alarm to the sensorProbe line.



Sensor Controlled Relay

This sensor controls the electrical power to devices over the Internet. With its easy configuration & integration with sensorProbe products, it defines a new era in energy management.



Universal Mount Camera

The Universal Mount Camera is a high resolution CCD Camera from Sony. It allows visual monitoring remotely from any location in the world. (compatible with SEC only)



Dry Contact Sensor

The dry contact sensors have an ALARM/NORMAL indication in the web-interface. They are user definable and can be used to detect many different kinds of input such as UPS status, security systems or air-conditioning status.



AC Voltage Monitor Sensor

Specially designed for monitoring AC voltage presence (or absence) up to 250 volts.