

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

securityProbe-X20

SNMP-based Environmental and Security Monitoring Solution



Applications

Monitoring Solutions for :

- Data Center & Server Rooms
- Telecommunication Room
- Network Equipment
- Remote ATM
- Backup Power & Generators
- Server Rack Monitoring
- Air Conditioning
- Cryogenics & Food industry
- Warehousing
- Medical & Pharmaceutical applications
- Building & Real estate Management

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

securityProbe-X20 will monitor the physical environment and alert you of any disturbances, such as unauthorized intruders, security breaches, high temperatures, smoke, water leakages, power outages and much more.



Up to 4 remote controlled pan-and-tilt cameras, combined with the securityProbe-X20's motion detection and event notification system, can keep you up to date via email, SMS, telephone call, web-browser, and other channels - wherever you are, 24/7.

Features

- Web Enabled - Embedded web server
- Email Notification
- SNMP trap notification
- full SNMP v1 Compliant
- NMS Integration
- 4 external camera ready
- Linux Operating System
- Video Conferencing Capability
- Built-in Graphing and Logging
- Platform Independent
- New faster CPU and Graphics card
- Built-in Pan tilt controller
- 20 Dry contact Inputs

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

Intelligent monitoring solutions for your Enterprise resources!!!

securityProbe-X20

The securityProbe-X20 is the next generation dry contact device with an advanced 20 dry contact inputs. It comes in a 1U rackmount box. The securityProbe-X20 has a Linux Operating System with 128 Megabytes of Flash memory and 64 Megabytes of SDRAM. It is TCP/IP compliant and runs httpd web server including https (SSL), Bash, Perl, vi, Telnet, PHP, Email and Nagios. The securityProbe-X20 has an easy-to-use web-based user interface for sensor configuration, data collection and extensive graphing. Complete SNMP functions such as SNMP v3 encryption are supported. The web-based interface is written in PHP allowing end-user changes such as language translation. The securityProbe-X20 has a battery backed time of day clock for accurate record keeping.



Features

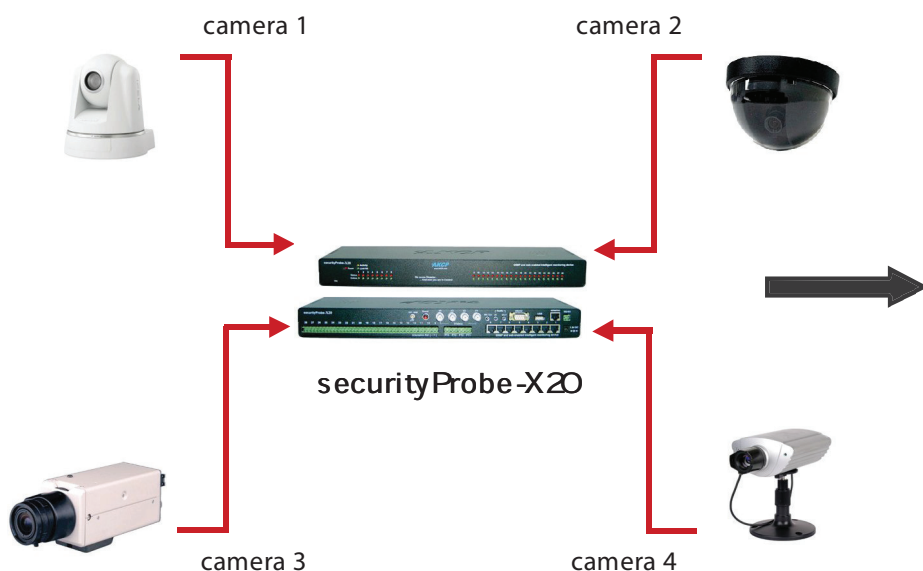
- Embedded web server displays sensor information and live video from connected cameras.
- Control PT cameras directly from the web interface.
- Record streaming video directly to remote servers or internal memory, or send live images to your own website.
- Connect up to 4 external cameras, and simultaneously display images up to 640x480 pixels resolution.
- Monitor up to 8 AKCP intelligent sensors, such as temperature and humidity, voltage, smoke detection, airflow and others.
- Receive notifications of anomalous events via email, SMS / MMS, SNMP traps, and many more.
- Integrates with network management systems via SNMPv1 and encrypted SNMPv3.
- Stream video and sensor information directly to your cellphone or PDA.
- Ability to connect external GPRS/GSM modem, Bluetooth and WiFi USB adapters.
- Uses an embedded Linux operating system for maximum stability and flexibility.
- Video conferencing capability.
- Built-in graphing and data logging, internally or to a remote PC.
- Platform independent; free firmware upgrades and utilities from AKCP.

Architecture

- 8 full autosense RJ-45 ports
- 32-bit Xscale PXA270, 312 mhz processor
- 64 Megabytes of SDRAM
- 128 Megabytes of nonvolatile flash memory
- 10/100 Mbps Ethernet and 1 serial port
- USB 1.1 port
- Embedded Linux Operating System
- 20 Dry contact Inputs



AKCP Intelligent Sensors





Specifications

Dimension

- Size : 17.08" x 5.43" x 1.80"
- 1U Rack Mount Standard
- Weight : 3.3 pounds

Network Interface

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

Power Supply

- Voltage 7.5 - 9 V
- Current ≥ 2.5 Amp

Output

- Ext. Speaker Out, 2.5" jack (Analog)
- Mic Out, 2.5" jack (Analog)
(for modem application)

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 (Version 1.1)
Audio In (Analog) 2.5" jack
- RS485, 2 pin Terminal box
- Line In, 2.5" jack
- 20 Dry Contact inputs

Operating Environment

- Temperature : Min. -35°C - Max. $+55^{\circ}\text{C}$
- Humidity : Min. 20% - Max. 80%
(Non-Condensing)

Mounting

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

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.
- 32-bit Xscale PXA270 312 mhz Processor running Linux Kernel
- 128 MB Flash memory
- 64 MB SDRAM