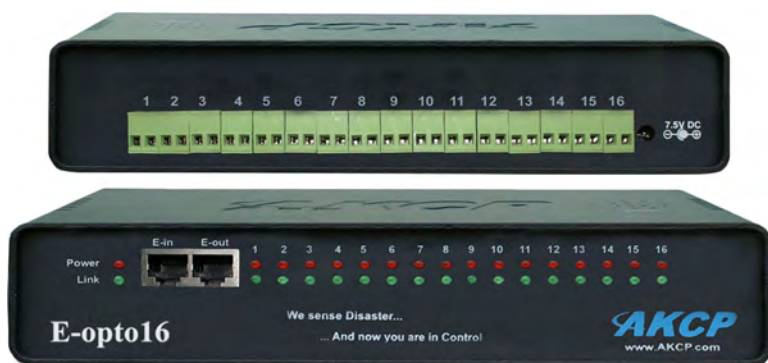


We sense Disaster...  
... And now you are in Control

# E-opto16

SNMP-based Environmental and Security Monitoring Solution



Expansion Module

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
- Power Monitoring

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

Safeguard your infrastructure, resources and investment from external disaster before it happens.

## Features

- Rack Mountable 19" 1U
- Creates Dry Contact Expandability On The securityProbe 5E
- Daisy Chainable
- Standard RJ-45 Input and Output Ports For Daisy Chaining Multiple Modules
- Extendable Using Standard CAT5 LAN Cable
- 16 Dry Contact Input Status LED's
- 16, 2 Wire Dry Contact Ports Configured As Opto-Isolated

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

Intelligent monitoring solutions for your Enterprise resources!!!

## E-opto16 Expansion Module

### Expandable Intelligent Monitoring Solution for your Enterprise Resources

The E-opto16 is an expandable module that has (16) dry contact inputs and is connected to any of the (4) RJ-45 expansion ports located on the front panel of the securityProbe 5E base units using standard CAT5 LAN cable.

A very wide variety of equipment that generates an output signal or voltage can be connected to each of the 16 dry contacts inputs located on the back of the E-opto16 expansion module, or E-module.

The (16) dry contact input LED status is displayed on the front panel of the E-module.

The E-opto16 E-module can be daisy chained together using the units input, or E-in and output, E-out ports located on the front panel of the E-module. These also are standard RJ-45 ports and use standard CAT cable.

These E-modules can be extended from the securityProbe 5E's base unit, or from each other up to 300 meters, or roughly 1000 feet.



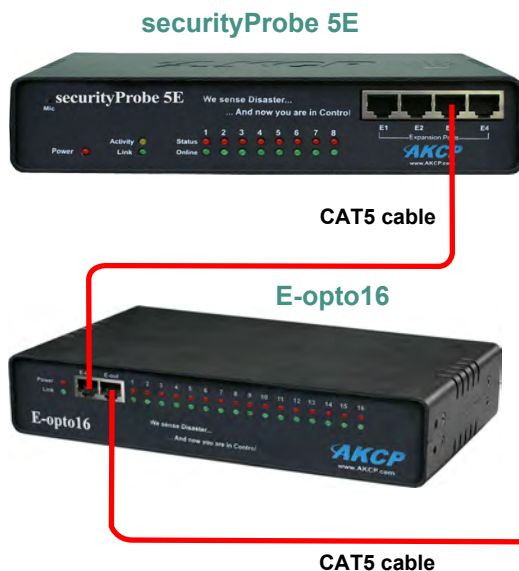
**Note:** The 300 meter maximum run length is not the total run length of all of the E-modules combined. This is each E-modules maximum run length from either the base unit, or from each other.

There is not any limit to how many E-modules can be connected to a single securityProbe 5E base units. This solely depends on how many sensors are connected, as up to 600 sensors can be connected to a single securityProbe 5E.

A typical application for the E-opto16 would be to connect the outputs of an alarm panel to each of the 16 dry contact inputs allowing the securityProbe 5E's full featured built in notification system to be integrated into these alarm panels, or other systems that output a voltage.

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generate custom alerts from alarm panels

## 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  
 LorientPro  
 Logalot  
 MRTG

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

## Specifications

### Dimension

- Size : 8.5" x 5.43" x 1.80 "
- Weight : 2.4 pounds

### Power Requirements

- Voltage 7.0 - 9 V / >= 3 Amp

### Power Consumption

- Typical 6.150 Watt, 0.82A

### Inputs

- 16, 2 wire dry contact inputs configured as opto-isolated
- 2 wire dry contact inputs support up to 50 Volts DC and 80mA of current
- 1 RJ-45 expansion module input (E-in)

### Expandability/E-modules

- Daisy chain multiple E-modules including E-sensor8 and E-opto16 combined
- Uses standard RJ-45 connections and CAT5 LAN cable
- Data transfer rate: 115.2 KBPS
- Maximum extension cable run length: 300 meters (1000 feet)
- 1 RJ-45 expansion module input (E-in)
- 1 RJ-45 expansion module output (E-out)

### Network Interface

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

### Status Indication

- LED indication for Power
- LED for Network Connectivity
- LED's for dry contact 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

- 1 RJ-45 expansion module output (E-out)

### Components

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

## Support and Warranty

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