SECIO64/128/192 - SECIOXXX

SECIO64/128/192 Expansion Unit

AKCP's popular expansion units are now available in 64, 128, and 192 dry contact versions making expansion easier than ever. The SECIO offers an efficient and cost effective expansion solution with the lowest cost per dry contact on the market today.

Collect information and gain valuable insight by using the expansion units to provide your system with greater monitoring capacity. AKCP provides you with the versatility you need to satisfy a wide range of requirements.

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Introducing the securityProbe IO expansion units

The SEC IO is an advanced intelligent monitoring device that features plug and play technology. Simply open the box and install the expansion unit into your existing

system and it is instantly ready to use.

Dry contacts can be configured as inputs or outputs and SEC IO units are user definable so they can be used to detect many different inputs including UPS status, security systems, alarm panels, or air conditioning status.

AKCP provides you with the versatility you need to satisfy a wide range of requirements.

Typical Applications

- **SNMP interface for alarm/normal status.**
- **SNMP traps sent when critical.**
- **SNMP polling via get command.**
- **When an alarm condition is activated the description and location of the fault can be sent via email, SMS, MMS, Skype, phone calls and other advanced notifications from the securityProbe web interface.**
- **Each of the 64/128/192 dry contacts on the SECIO can be configured as outputs either 0VDC or 5VDC and can sink up to 20mA of current when connected to a load.**

SECIO Main Features

- **securityProbe autodetects the presence of each dry contact on the SECIO**
- **Connect multiple SECIO together using our expansion port feature up to 512 Dry Contacts per securityProbe unit.**
- **Full autosense including disconnect alarm**
- **Configure as outputs up to 20mA.**

SECIO64

SECIO128

SECIO192

Dimensions & Weight	Status Indication	Mounting
▪ **SECIO64** ▪ 433mm (L) x 202mm (W) x 44.5 (H) ▪ Weight : 1750g ▪ **SECIO128** ▪ 433mm (L) x 202mm (W) x 44.5 (H) ▪ Weight : 1872g ▪ **SECIO192** ▪ 433mm (L) x 202mm (W) x 66 (H) ▪ Weight : 2243g	▪ LED indication for Power ▪ LED for E-Module connectivity	▪ Rack mount brackets included ▪ Compatible with AKCess Pro DIN and tray rack mount kits
Power Requirements	**Operating Environment**	**Output**
▪ Voltage 7.0 – 9 VDC, 3Amp	▪ Temperature : Min. -35° C Max. +55° C ▪ Humidity : Min. 20% - Max. 80% (Non-Condensing)	▪ 4 Configurable output signals (0VDC/5VDC) on any of the 16/32/48 RJ-45 sensor ports ▪ 1 RJ-45 expansion module output (E-out)
Inputs	**MTBF**	**Components**
▪ 16 / 32 / 48 RJ-45 ports for connecting 4 Dry Contacts each (up to 5VDC) ▪ 1x RJ-45 expansion module input (Expansion In)	▪ 400,000 Hours	▪ Manufactured using highly integrated,low power surface mount technology to ensure long term reliability.
Power Consumption	**E-Modules**	
▪ TBC	▪ 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)	

Dry Contact Specifications	
Measurement Range :	Alarm or Normal
Sensor Type :	Open / Closed or cycles contact switch
Input Voltage Range :	0 to 5 volts on each of the dry contacts
Current Range :	Can sink up to 20mAmps on each of the 64/128/192 dry contacts
Measurement Range :	Mutliple readings every second
Power Source :	Normal input voltage is settable under software on each of the 64/128/192 dry contacts. Normally open, normally closed is settable under software on each of the 64/128/192 dry contacts. Only compatible with securityProbe base units.