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

# IO-Digital8

8 Dry Contacts for your securityProbe 5E base unit!

The **IO-digital8** sensor adds 8 dry contacts to the securityProbe or expansion module base unit. With 8 ALARM/NORMAL indication in the securityProbe 5E web interface it provides instant notification for changes of status.

The sensor can be mounted on a wall by your alarm panel, or using our DIN rail clips can be DIN rail mounted. A standard CAT5 cable connects the **IO-digital8** sensor to the intelligent sensor port.

There are two versions of the **IO-digital8** depending on your requirements.

The first version has a single RJ45 connector at one end and 8 x 2-pin dry contact connectors along one side. The second unit also has a single RJ45 connector at one end but the 8 x 2-pin dry contact connectors are replaced by two RJ45 connectors, each compatible with our 4-dry contact cable (supplied).

The dry contacts can be configured as inputs or outputs and the IO-digital8. The contacts are user definable, so it can be used to detect many different inputs, such as UPS status, security systems, alarm panels or air conditioning status.

## Typical applicatons:

- 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 5E's web interface.
- Each of the 8 dry contacts on the IO-digital8 sensor can be configured as outputs, and sink current up to 20mA.

## Specifications

- Measurement range - Alarm or Normal
- Communications cable - RJ45 jack to sensor using UTP Cat 5 wire, Maximum extension cable length 305m
- (1000 ft.) with approved low capacitance shielded cable or UTP.
- Sensor type - open/closed or cycles contact switches
- Input voltage range. 0 to 5 volts on each of the 8 dry contacts
- Normal state input voltage (0-5 Volts) is settable under software on each of the 8 dry contacts
- Normally open, normally closed is settable under software on each of the 8 dry contacts
- Current Range. Can sink up to 20 mAmps on each of the 8 dry contacts
- Measurement rate - multiple readings every second
- Dimensions: Length: 13.20 cm x Width 5.38 cm x Hight: 3.40 cm
- Weight (approx): 120 grams without cable

## Features

- Power source: powered by the securityProbe 5E. No additional power needed.
- securityProbe 5E autodetects the presence of each dry contact on the IO-digital8
- Connect up to 8 IO-digital8 sensors per each securityProbe 5E main unit and E-sensor8 expansion modules for a total of 64 dry contacts per box.
- Full autosense including disconnect alarm