Siren & Strobe Light - STR00

Siren & Strobe Light

The combined siren and strobe light adds eye-catching visual and audio alarms to the sensorProbe or securityProbe series of devices. When triggered, the siren will generate a loud alarm sound and the strobe light will flash brightly, giving a clear alert of an alarm condition.

The siren and alarm are both incorporated into one device. Up to 2 siren and strobes can be connected to the intelligent sensor ports on the sensorProbe2 device.

On sensorProbe 8, securityProbe 5E and E-sensor8 expansion module. Each device comes with a free CAT5 cable, 5 feet in length.

You can connect the siren / strobe light using your own CAT 5 cable up to 100 feet, allowing the sensors to be positioned in hot spots.

When a combined siren / strobe light is

plugged into the intelligent sensor port, the base unit will auto detect the sensor, and it display the status of the device. The siren / strobe light can be triggered manually, via the web interface, or it can be configured to turn on at certain times, through the web interface.

The device can be triggered by any sensor connected to a sensorProbe or securityProbe device, or by an alarm condition generated by the base unit. It can be fully integrated with the sensor notification matrix on the securityProbe series. Each device has its own SNMP OID so that status can be collected over the network, and additionally the siren and strobe can be controlled via SNMP across a network.

SNMP Commands

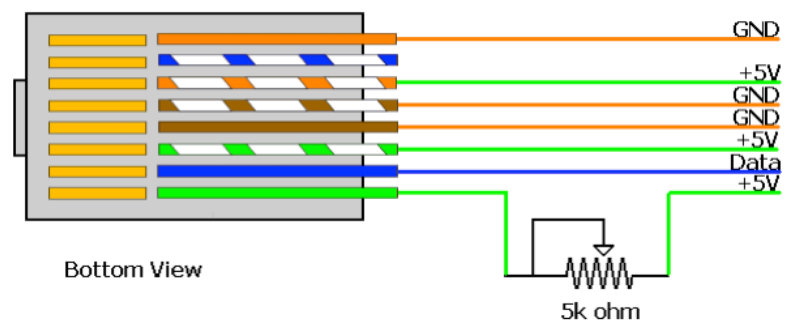The sensor can also be controlled manually using the following SNMP commands:
snmpset -m all -v 1 -c <community><IPaddress> .1.3.6.1.4.1.3854.1.2.2.1.18.1.25.<port>i<option>
options:

1 = allow-sensor-control

8 = cycle-On-Off-On

7 = cycle-Off-On-Off

3 = turn-on

4 = turn-off

Disabling the Siren/Strobe or controlling the volume

In normal operation both the siren and strobe light are activated as they are on the same circuit, however there are a couple of options for modifying the sensor to fit your requirements. You can open the case of the sensor and physically remove the wire to the siren, or strobe light to deactivate one, or the other.

Siren & Strobe Light Wiring Diagram

Alternatively, you can wire in a potentiometer, or a switch into the siren/strobe sensor. This would allow you to control the volume or disable the siren while leaving the strobe light active. You can wire in-line, a 5 ohm potentiometer (pot), or a switch with the siren, then it would be possible to adjust volume, or turn it on or off completely.

Technical Specifications

Measurement Range : Alarm or Normal

Communications Cable : RJ45 jack to sensor using UTP Cat 5 wire

Maximum Extension Cable : Length 30m (100 ft.) with approved low capacitance shielded cable or UTP

Sensor Type : open/closed contact switch

Powered by the sensorProbe. No additional power needed

sensorProbe and securityProbe auto detects the presence of the sire and strobe

Measurement Rate : multiple readings every second

Up to 2 sensors per sensorProbe2, and 8 per sensorProbe8 and securityProbe

Full autosense including disconnect alarm

Alarm Sound : 100±3db@100cm

Strobe Flash Frequency : ≈400 Times/Minute

Light Source : Super bright LEDs x8

Dimension : 72×123×45 mm