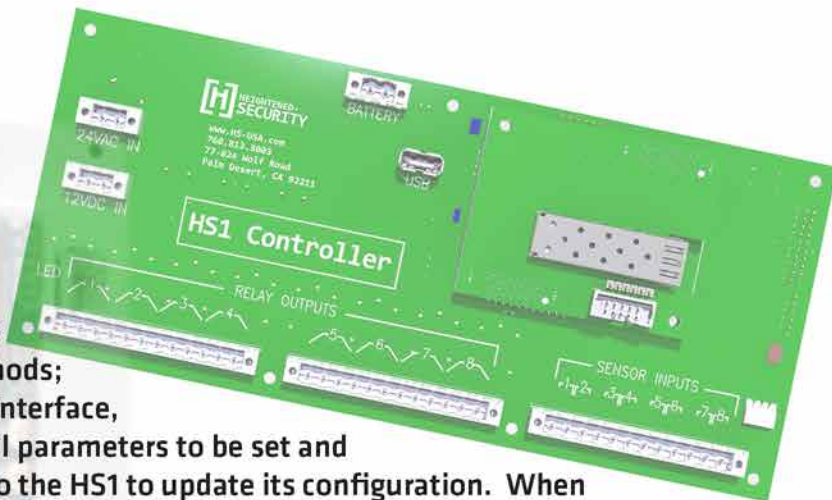




SPECIFICATIONS

CONTROLLER OVERVIEW

The Heightened Security HS1 Controller is a self-contained intrusion detection system suitable for use with the Intruder Defense Shield (IDS) and the Roof Defense System (RDS). The HS1 Controller is “headless” – that is, it does not contain a hardware user interface - it can be configured using two methods; the first is the built-in web server via the Ethernet interface, the second is via a Windows program that allows all parameters to be set and stored on a USB memory stick which is inserted into the HS1 to update its configuration. When used with IDS or RDS sensors, the HS1 can be calibrated to determine the location of an intrusion. Named zones along the sensor can be used to provide a more human recognizable location of an intrusion. Both IDS and RDS sensors are terminated with a resistor to allow detection of a cut of the wires to the sensors or to the IDS tape anywhere along its length.



Hardware/Firmware Features

- Tamper resistant
- Power interruption sensor/notification
- 8 sense inputs
- 8 relay form C (SPDT - COM, NO, NC) outputs
- All input and output connections are via quick-disconnect terminal strips
- All inputs are compatible with Heightened-Security IDS and RDS sensors
- All inputs support HS sensor products to 4,000ft with intrusion detection location accuracy to ± 50 ft after calibration.
- Option of fiber SFP or 10/100Mbps Ethernet interface
- Easily integrated into existing alarms and security systems
- Enclosure open sensor to detect intrusion. (Overridden by insertion of a USB memory stick with a valid license file)

WARNING FUNCTIONS:

Upon an intrusion, the system can immediately activate:

- Security Flood Lighting
- Security Cameras
- Horns/Sirens
- Alarms
- Existing Security Control Systems

Alarms and security lighting devices may be timed to notify on-site personnel and/or residents of an intrusion and may be programmed to turn off and reset per your requirements

ELECTRICAL:

The IDS Controller has an internal battery & charging system to maintain operation up to 6 hours in case of interruption to primary power.

COMMUNICATION FUNCTIONS:

The IDS Controller activates a signal to security personnel, management, homeowner, or police via Ethernet, WiFi, cell modem and/or microwave.

All features are subject to change and offered for informational purposes only, additional options available upon request.



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