



Codespear SIU

Sensor Interface Unit



The Federal Signal Sensor Interface Unit (SIU) operates on the Codespear platform and is used to connect third-party devices to a SmartMsg system. The SIU allows for triggering SmartMsg alerts automatically based on device events such as a panic button being pressed, a motion sensor detecting movement, a temperature sensor identifying a particular temperature, and so on.

The SIU is comprised of 16 inputs (e.g., panic button(s), intrusion alarm systems, door locking systems, fire panel system, key fob, sensor systems - temperature, motion, , etc.), and 4 relay outputs capable of turning on / off, lights, flashers, sirens etc.).

Through the SIU, existing devices and systems can be integrated into the SmartMsg system, thereby providing a comprehensive / holistic notification system.

When combined with the SmartMsg application, the SIU provides the capability to quickly notify multiple people, in multiple locations and on multiple devices of changes in status or localized events. In addition, pre-defined scenarios can be initiated to automate a coordinated response.

Features

- 16 Inputs for monitoring local Alarms or Initiating Messaging
- Four (4) Relay Outputs for controlling doors, lights, locks, or other devices
- Built-in web page for initial network configuration
- Supports DHCP
- Small, Compact size makes for ease of deployment
- RJ45 Network jack with Status LED for easy connection to network
- Unique board IDs are pre-set to simplify SmartMsg identification
- Alarm board and Relay module configuration within Codespear CenterPoint admin tool

Specifications

Power Requirements:	12V DC regulated, 1.5 Amp Recommended 800 MA Minimum – 2 Amp Maximum
Output:	12V Resettable fused 1.1 Amp at 20° C 20V Maximum
Terminal Output	Wire size 26-16 AWG Maximum current 10 Amps Maximum Voltage 300 V Stripping wire length 5mm
Sensor Terminals 1-16	Input 4Vdc 11ma
Connections	Terminal screw 30-16 AWG CAT5 Ethernet 2.1mm DC power Jack
Size:	2 in.(H) x 11¼ in.(W) x 7 ½ in. (D)
Weight:	2 pounds 12 ounces
Temperature:	0 - 50°C
ORDERING INFORMATION: Part Number	CS-ALARM



FEDERAL SIGNAL

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