PRODUCT PROFILE # 573

ALARM INPUT MODULE-POE-8S
AIM-POE-8S

The Alarm Input Module-POE-8S (AIM-POE-8S) is part of the INTREPID™ family of products. It provides eight (8) alarm input contact closures from auxiliary sensors like microwaves and infrared sensors.

A system controller such as the Control Module-POE-S (CM-POE-S), Perimeter Security Manager II (PSM II), or Software Development Kit (SDK) is required to individually configure the inputs of the AIM-POE-8S. The AIM-POE-8S uses the INTREPID Polling Protocol II (IPP II) to interface with system controllers. ***This device can be configured for TLS 1.2 / SSL encryption***.

The AIM-POE-8S is configured to trigger on an alarm from an auxiliary sensor. Each input has an associated LED to indicate when the contact closure has an alarm or supervised alarm condition. Each input can be configured for Normally Open (N.O.) or Normally Closed (N.C.) operation and also be set to as a supervised input. It can also provide 12 VDC at 400mA to any auxiliary sensor. *Note: See AIM-POE-8S manual for details*.

The AIM-POE-8S communicates with the other system devices using standard network communications through the RJ45 (Ethernet) port. The AIM-POE-S requires a stable 2.2 Watts power supply which must be provided through the Ethernet port. The AIM-POE-S is IEEE 802.3af, Class 0 compliant. In the SSL-Encrypted mode the device supports TLS 1.2.

A browser is required to setup the AIM-POE-8S. The AIM-POE-8S supports Internet Explorer 11, Firefox 54 or higher, Chrome 59 or higher, and Edge 40 or higher. Other browsers should not be used and usage may result in improper configuration of the system.

The AIM II is packaged in the standard INTREPID enclosure as shown in Figure 1. The dimensions are 5.5 in. H x 13.5 in. W x 5 in. deep (14cm H x 34.3cm W x 12.7cm D). It weighs 2.5 lbs (1.1kg).

Figure 1 – INTREPID Enclosure for AIM-POE-8S

The AIM-POE-S circuit board also has perforated ends that can be cut off to fit the board into a smaller or other enclosure as needed for site requirements as shown in Figure 2. The circuit board dimensions are 5.0 in. H x 10.7 in. W (12.7cm H x 27.2cm W). With the board wings removed, the board dimensions are 5.0 in. H x 6.0 in. W (12.7cm H x 15.24cm W).
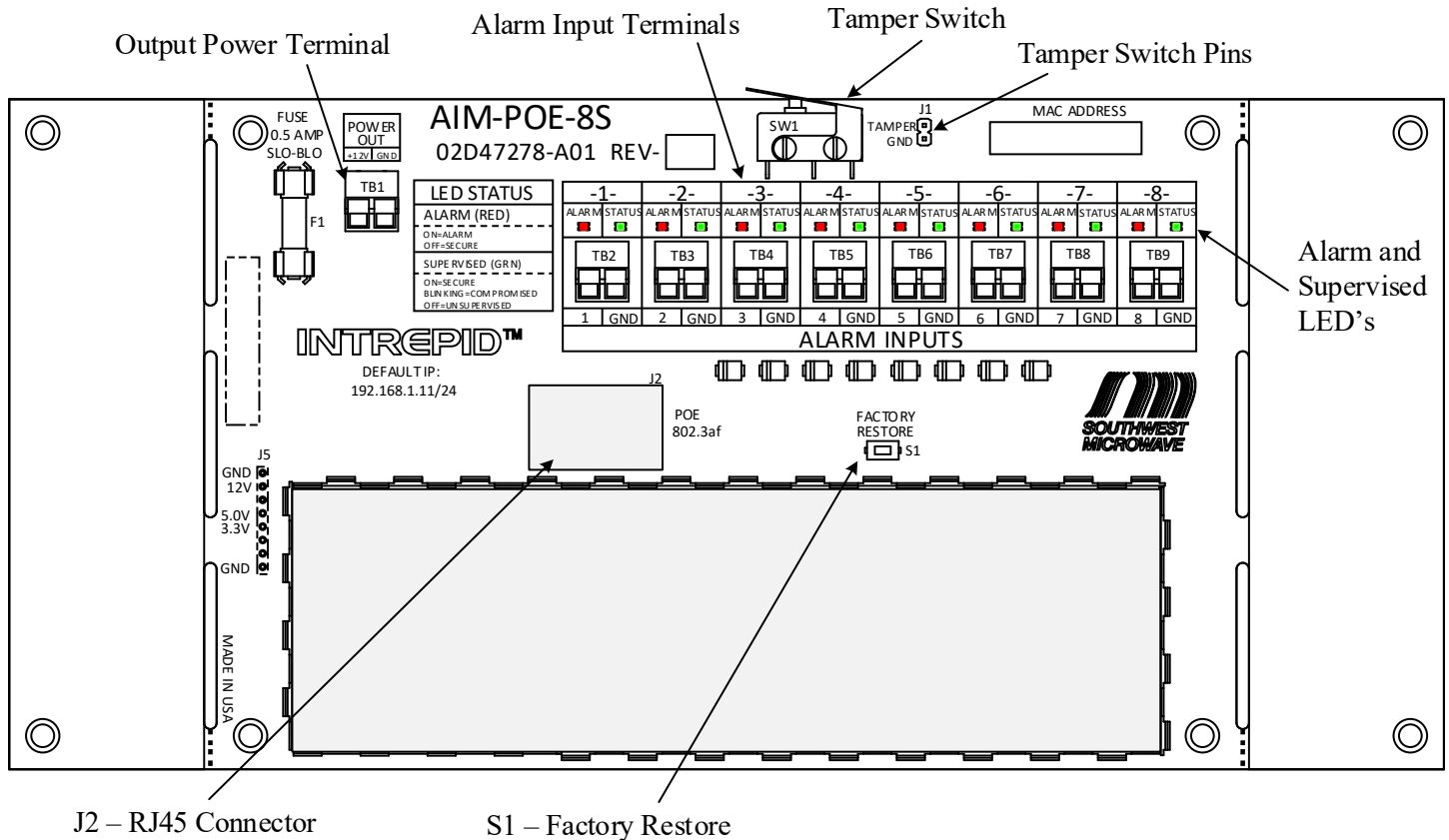

Figure 2 –AIM-POE-S Circuit Board