

AIM In2iT SERIES

Alarm Interface Manager

Front View



Back View



FEATURES and BENEFITS

- Single or dual modules
- Front display for status visual monitoring / diagnostics
- Automatic A+B redundancy with 2 module unit
- Real time monitoring and reporting on alarm(s) or other devices
- 24 Dry contact inputs (latched or momentary)
- 8 Wet contact inputs (opto isolated)
- 8 Dry contact outputs rated to 2.5A (user configurable*)
- 4 Wet contact outputs rated 24V @ 150mA (user configurable*)
- Optional module provides logic conversion for all 32 inputs
- Self-diagnostic and monitoring of internal circuits
- Hot swappable modules
- Small 1U rack sizing

*Contact Guardian Sales



In2iT RANGE

The In2iT Range is Guardian Telecom's next generation In-Plant Communications platform with the latest technology and easy to use, rugged communication equipment to solve In-Plant Paging concerns while maximizing integration options and easing implementation costs.

AIM In2iT SERIES

Guardian Telecom's Alarm Interface Manager (AIM) is a key component of the In2iT System Control Frame (SCF). The AIM Manager provides continuous monitoring of alarm or other device inputs and reports triggers to the SCF for alarm or message broadcast. The AIM can also be used to control external devices (sounders, beacons, door strikes, etc.). Armed with a multitude of configurable inputs and outputs the Alarm Interface Manager is designed to meet any I/O strategy thrown at it.

Alarm priorities are securely configured via the System Configuration Application from the Operator Access Panel. This allows maximum flexibility in how inputs are processed but, more importantly, this allows the system to be reconfigured without the need to re-wire at the Main Distribution Frame.

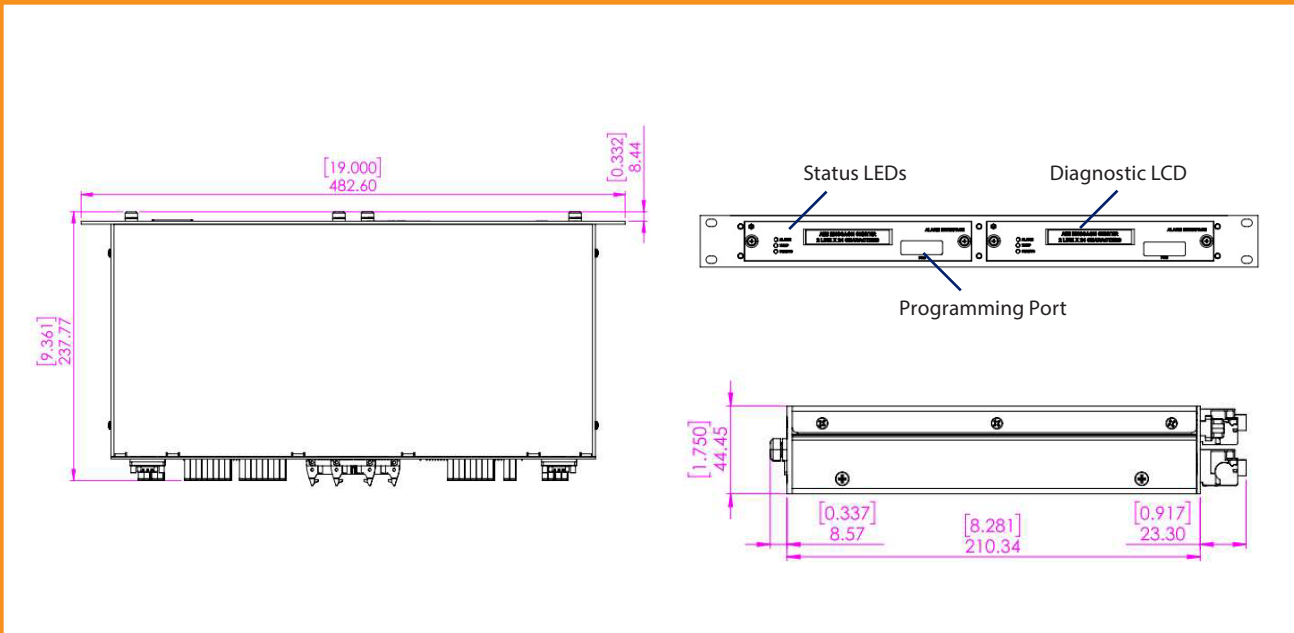
The AIM features a fully redundant internal core and can be easily expanded. With built in A/B redundancy if the primary monitor should fail, the secondary internal monitor will take over. Monitoring of the system is real time continuously cycled eliminating the need to schedule manual maintenance.

APPLICATIONS

The In2iT system is designed to provide in plant communications, paging and alarm monitoring in harsh environments that are subject to moisture, dust and corrosive chemicals such as:

- | | |
|-----------------------|-----------------------------------------|
| Mines | Grain Processing and Similar Industries |
| Chemical Plants | Power Generation Facilities |
| Refineries | Fertilizer Plants |
| Drilling Rigs | Food Processing Plants |
| Defense Installations | Sewage Plants |
| Cement Plants | Construction Sites |
| Bulk Loading Stations | Breweries & Distilleries |
| Pulp & Paper Mills | Pharmaceutical Plants |
| | and more . . . |

OVERALL DIMENSIONS



AIM - In2IT SERIES Alarm Interface Monitor

ENGINEERING SPECIFICATIONS

ELECTRICAL REQUIREMENTS

Input Voltage / Current: 24VDC @ 1.0A

I/O SPECIFICATIONS

Dry Contact Trigger Inputs: 24
 Wet Contact Trigger Inputs: 8
 Dry Contact Outputs: Qty 8 @ 2.5A Load Rating (Non-Fuse)
 Wet Contact Outputs: Qty 4 (24V @ 150mA Max)
 Heart Beat General Output: Dry Contact
 Communications Port to SCF: Serial

MECHANICAL SPECIFICATIONS

Body Construction: 14GA Aluminum
 Faceplate Construction: 10GA Aluminum
 Finish: Powder Coat, Black Textured
 Rack Mount: 1U
 Dimensions (W x D x H): 19" [483mm] x 9.4" [238mm] x 1.75" [42mm]
 Net Weight (No Packaging): 5lbs [2.3kgs]

ENVIRONMENTAL

Chassis: Indoor Use Only
 Operating Temperature: +32F to +122F [+0C to +50C]
 Storage Temperature: -40F to +176F [-40C to +80C]

COMPLIANCE

Electrical Safety (Low Voltage) 60950 CE

ORDERING INFORMATION

Warranty: Five year parts and labor

Order No.	Description
P6701	Alarm Interface Manager
P008079	Replacement Module
P008316	Logic Adapter
24V DC Power Supply available	
Distributed by:	



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