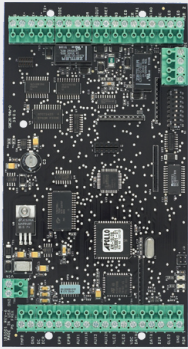


## AIM-1SL

### 1 Door Downloadable Reader Interface



- On-Board Memory for up to 20,000 Cardholders/7,000 Events with battery-less backup
- 4 Inputs (Supervised or Unsupervised)
- 1 Form-C Relay Outputs with support for 4 External ADA-10/11 Digital Relay Modules for increased security
- RS-485, RS-232 or Ethernet communication
- 8 Facility Codes/Card Formats
- 38 Access Levels per card
- Industrial Temperature Rating (-40 to 85° C)

## ACS Door Interface Module

Expanding Apollo's AIM Series reader interface line, the AIM-1SL has familiar superior features in a flexible package perfect for any size system. With possible configuration for 2 Readers/1 Doors, the AIM-2SL retains advanced features such as Precision Access and 38 Access Levels per card, and can maintain normal functions in off-line mode thanks to its up to 20,000 cardholder/7,000 event local database. That means you can be assured access to your site won't be compromised even in the most extreme circumstances and your records will be safely stored in memory until communication is restored to the system controller.

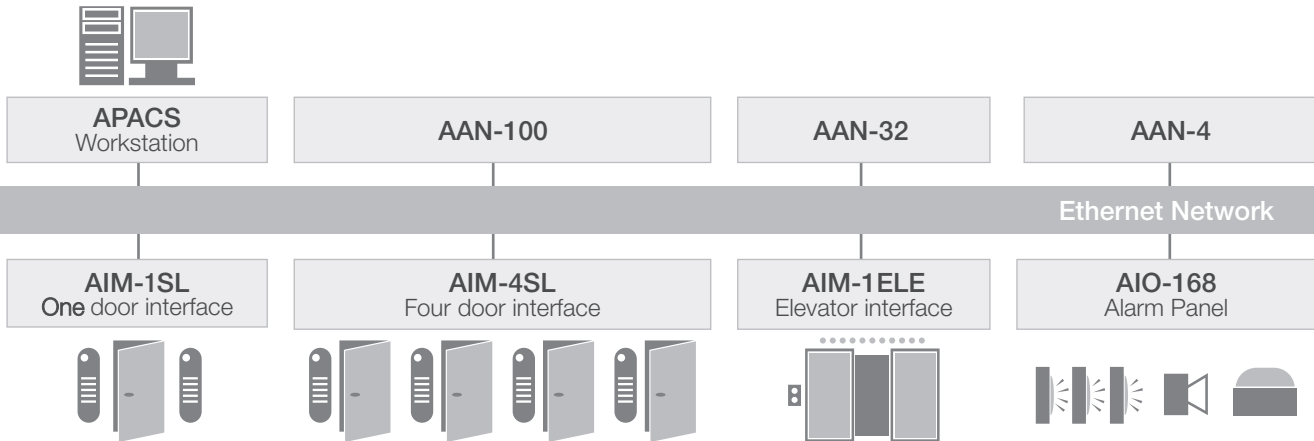
The AIM-1SL links door hardware with one of Apollo's AAN or AAM Series Controllers, providing inputs for a full range of reader types including proximity, smart card, and biometric. Up to 8 card formats are supported simultaneously allowing you to mix and match different reader types or easily migrate old card populations.

Going beyond the standard, all door hardware inputs for door contact, exit push button and device tamper are supplemented with 1 or 2 Supervised auxiliary inputs for use with motion sensors, panic buttons, door bolt monitors or any other standard input device. A full array of output options are available for the AIM-1SL including 1 on-board SPDT outputs (configurable for door strike or auxiliary). Not stopping there, the AIM-1SL supports up to 4 Apollo ADA 10/11 Digital Relay Modules which lock down vulnerable door to interface wiring by only activating in response to an encoded digital signal generated by the AIM-1SL.

The AIM-1SL's extra features not only cut down on costs of installation, but keep maintenance manageable with features such as a field-replaceable communications modules, remote flashable firmware and support for Apollo's ENI-100 Ethernet Network Interface to make your system network-ready in minutes. Combined with advanced surface mount manufacturing technology, Apollo has made the AIM Series reader interface line the standard for demanding sites such as nuclear power facilities, military installations and major corporations worldwide.

# SYSTEM DIAGRAM

## Apollo AAN System Overview



## SPECIFICATIONS

<b>Power Requirements</b>	: +12 to +24Vdc @ 250mA
<b>Dimensions</b>	: 7.5 in x 4 in (19 x 10 cm)
<b>Environment</b>	: Operating Temperature: -40 to 85° C
<b>Storage Temperature</b>	: -40 to 85° C
<b>Relative Humidity</b>	: 0 to 95%, non-condensing
<b>Weight</b>	: 1 Lb (.45 Kg)
<b>Memory Backup</b>	: Capacitor based circuit, no battery required
<b>Reader Input Protocols</b>	: Wiegand Data1/Data0, Magnetic Clock/Data, Custom Protocols Available
<b>Approvals</b>	: CE, RoHS

Model Part	Number	Description
AIM-1SL-01	430410RT-IC	Reader interface module with supervised inputs & downloadable database, supports 1 reader or 2 readers interfacing with the same door strike
ENI-100	430-172R	Ethernet Network Interface for connection of AIM-4SL.
APU-1210	460-110R	12V DC Power Supply & Enclosure for AAN-32 with 120V 10 Amp Switching Power Supply and Battery (30aH)
ASM-48	430-132R	Plug-in RS-485 Communications Driver



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