

# AIM-1SL

## Downloadable Single Door Interface

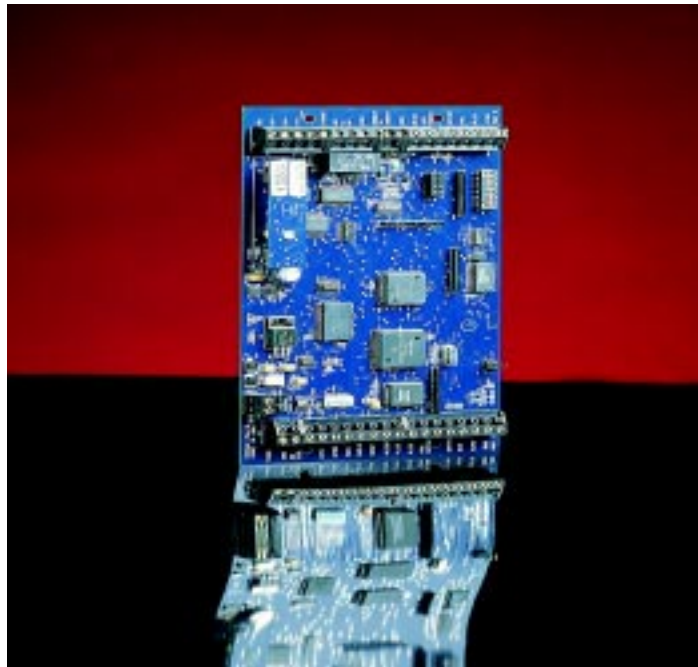
Local Database for up to 20,000 cards, Connections for Entry and Exit readers (plus keypads), Supervised Inputs, Flash Memory, and up to 7000 event storage when offline.

The AIM-1SL utilizes the latest technology to provide the ultimate reader interface. The local database provides for storage of up to 20,000 cardholder records, providing complete access control capabilities even if the interface is off-line. Storage of up to 7,000 events when off-line insures that historical records of off-line activity will be maintained.

The AIM-1SL may be connected, via multi-drop RS-485, to the AAM-20/80 and AAN-32/100 system controllers. When used with the AAN series up to 32 readers may be connected to a single RS-485 cable. Up to 96 readers may be connected to a single AAN-100. The RS-485 interface circuitry of the AIM-1SL is located on a separate, small, field replaceable, module providing repair of the communications circuitry without removing the entire interface.

The AIM-1SL has terminations for connection of one or two Wiegand interface readers complete with 3 LED lines (Red, Yellow, Green) and a buzzer control line. The interface may be configured to use entry/exit readers for anti-passback configurations or to use a single reader with a push-button input for exit (REX). Each reader may also be equipped with a keypad for use in a high security Card plus PIN mode or the user friendly Card or PIN mode (entry allowed without using a badge).

The AIM-1SL has a built-in 2 amp strike relay for direct control of the door locking device. The AIM-1SL also provides an output for connection of up to 4 ADA-10/11, external, high security, relay modules. The relays may be added as required. The functions provided are high security strike output, local alarm annunciation, and 2 general purpose programmable Aux outputs. The installer has the choice of using the onboard strike relay or adding the external ADA-10/11 relay for increased security.



The AIM-1SL also has terminations for the door contact input, exit pushbutton, and one or two auxiliary (general purpose) alarm inputs. These inputs are all Grade "A" supervised for increased security. The supervision may be disabled when not required via a dip-switch.

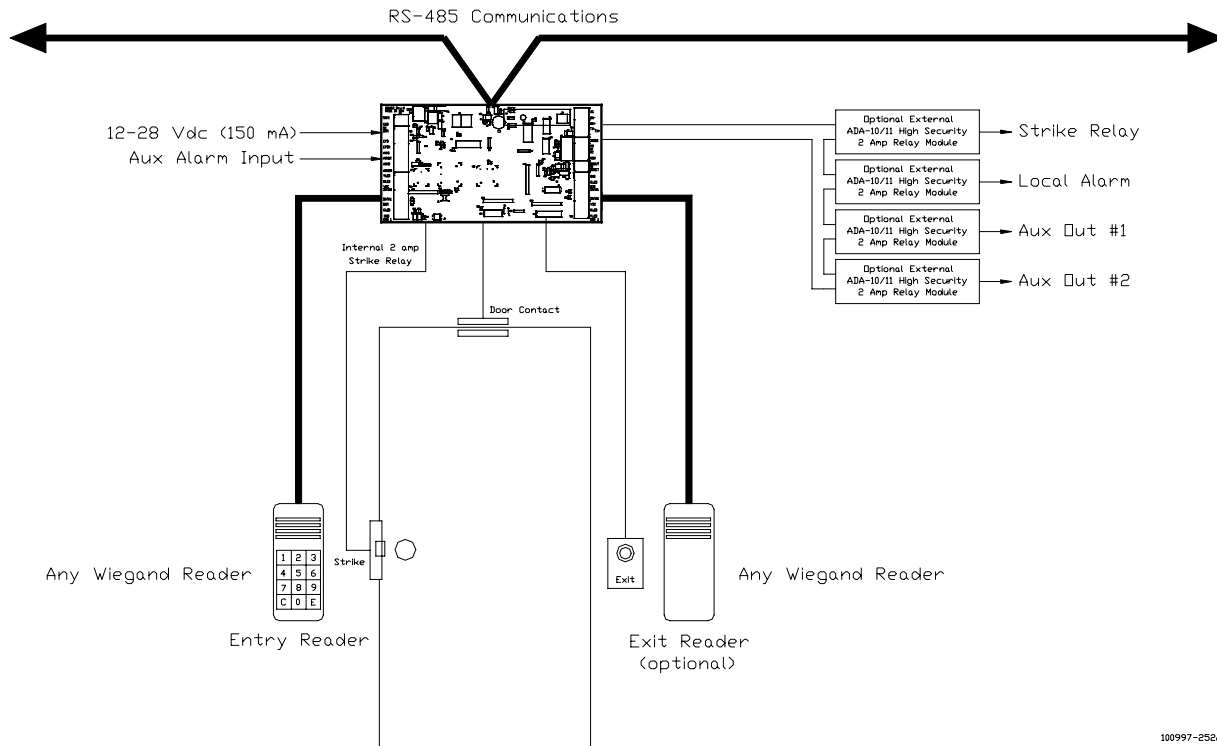
The AIM-1SL supports all major reader technologies including magnetic stripe, proximity, fingerprint, hand geometry, barcode, long range infrared, and others. Many of these reader types are available with integral keypads or the AP-410 may be connected with any of these to provide PIN capability.



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**AIM1-SL provides the following features:**

- Local Database for up 20,000 cards, 7000 events
- Supports 1 or 2 readers (with or without keypad)
- 4 Supervised inputs
- Onboard strike relay, and up 4 external relays
- Multiple cards formats / facility codes
- Real time clock
- Flash Memory for easy firmware upgrades
- Surface Mount Technology



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