AIM-2DL
Two Door Interface with Local Database

Local Database for up to 3,000 cards, Connections for two readers (plus keypads),
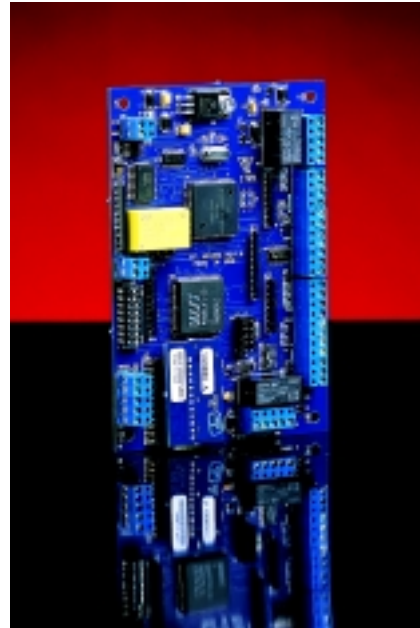Flash Memory, and up to 2,500 event storage when off-line

The AIM-2DL utilizes the latest technology to provide the ultimate reader interface. The local database provides for storage of up to 3,000 cardholder records, providing complete access control capabilities even if the interface is off-line. Storage of up to 2,500 events when off-line insures that records of off-line activity will be maintained. It has a real time clock for time stamping off-line events and nonvolatile memory for storage of events and cardholders.

The AIM-2DL is 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-2DL is located on a field replaceable module. This allows for field repair of the communications circuitry when damaged by high voltage.

The AIM-2DL has terminations for connection of one or two Wiegand interface readers complete with two LED lines (Red and Green) and a buzzer control line. The interface may be configured to use entry/exit readers at a single door for anti-passback configurations or to use two readers at two separate door 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 .

The AIM-2DL has two built-in 2 amp strike relays for direct control of two door locking devices.

The AIM-2DL also has terminations for the door contact inputs, exit pushbuttons, and two auxiliary (general purpose) alarm inputs.

The AIM-2DL 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 keypad may be connected with any of these to provide PIN capability for readers wihout keypads.

Optional UPK-AIM2 firmware upgrade is available to make changes in flash memory of APN-35 controller and to transform APN-35 controller to AIM-2DL interface. The AIM-2DL two door interface module can be used with AAN-32/100 series controllers.
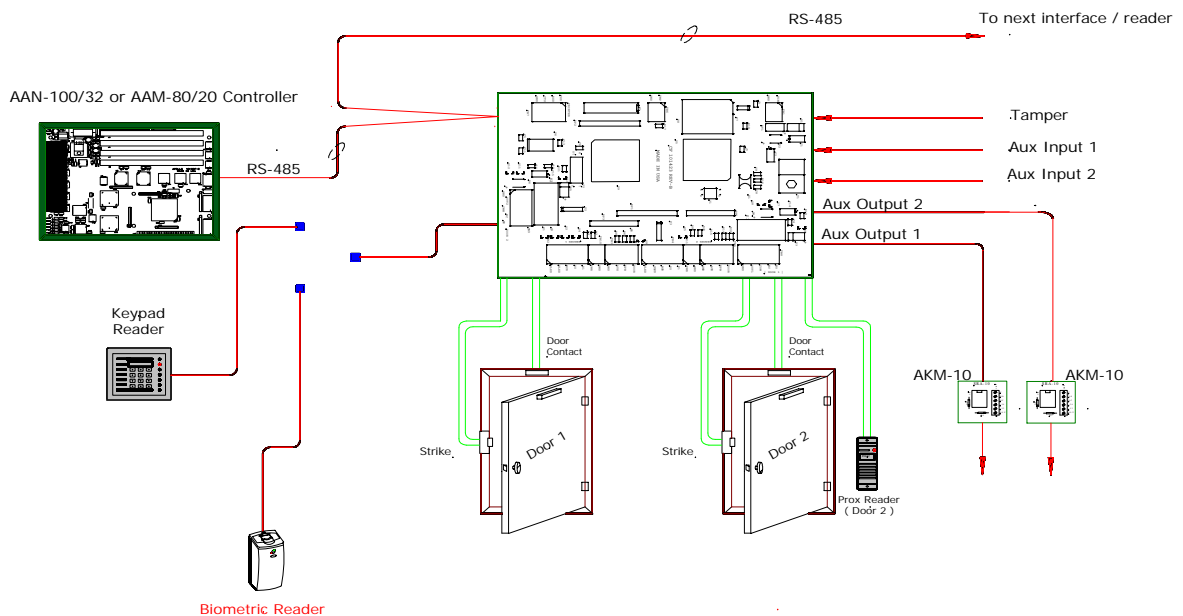
AIM-2DL provides the following features:

- Local Database for up to 3000 cards and 2500 events
- Supports 2 readers (with or without keypad)
- 2 door contact inputs
- 2 exit button inputs
- 2 general purpose inputs
- Onboard strike relays and 2 external relays
- Multiple cards formats / facility codes
- Flash Memory for easy firmware upgrades
- Surface Mount Technology
- Non-volatile memory for card database / events storage
- Real time battery backed clock

AIM-2DL Downloadable Two Doors Interface

2 Door Configuration Shown

ORDERING INFORMATION

Model Number	Part Number	Description
AIM-2DL	430-420	Two door interface with local database
UPK-AIM2	430-429	Firmware upgrade for converting APN-35 controller to AIM-2DL interface

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