

AIM-4SL

Downloadable 4 Door Reader Interface Module with Flash memory, digital strike control, 12 supervised inputs and 8 relay outputs - Surface Mount Technology (SMT)

The AIM-4SL represents a new breakthrough in reader interface technology for access control systems. The AIM-4 SL is a complete 4 door reader interface with **downloadable database** at every door. It interfaces to the AAM-20/80 and AAN-100 access controllers via Apollo's proprietary 2 or 4 wire RS-485 communication protocol.

Up to 8 AIM-4SL can be connected to each device port of the AAM-80 and AAN-100 while the AAM-20 supports up to 4. It provides a special on board capacitor for memory backup eradicating the need to replace a worn battery. A real-time clock provides time and date stamped event logs even in an off-line situation. The AIM-4SL can store up to **20,000 cardholders and up to 7000 events** in its memory. Full stand-alone operation with complete database redundancy is available when communication with the host unit is interrupted -- maintaining cardholder, reader mode, time zones and access level integrity.

The AIM-4SL interfaces to 4 card readers, 4 keypads or 4 card reader with keypads. It monitors the door contact inputs of each of the 4 doors and is DIP switch selectable for UL grade 'A' supervision. The AIM-4SL provides the installer the choice of using the on-board relay for strike control **OR** to use Apollo's unique digital strike output for high security applications.

The AIM-4SL provides each reader with 2 auxiliary outputs, which can be mapped via the software to perform time or event activated functions. If high security is required, the ADA-10/11 can be used for all outputs. Up to 16 ADA-10/11 digital encoders are supported by the AIM-4SL.

The AIM-4SL supports all major reader technology



(proximity, biometrics, bar code, infrared, long range infrared), with the capability of having different readers at each port and up to 4 different facility or site codes per reader. It operates from +12 to 24 VDC. Quick disconnect connectors provide easy installation.

The AIM-4SL supports Apollo AP-400, AP-410, AP-501, AP-502 and the AP-400/410 reader and keypad combo (supporting all inputs and outputs).

AIM-4SL provides the following features:

- Flash memory
- Local database with onboard backup
- Supports 4 readers / keypads
- Supervised inputs
- Digital supervised or relay outputs
- RS-232 or RS-485 communications
- Multiple card formats/ Facility and site codes
- Real time clock
- Surface Mount technology (SMT)



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