

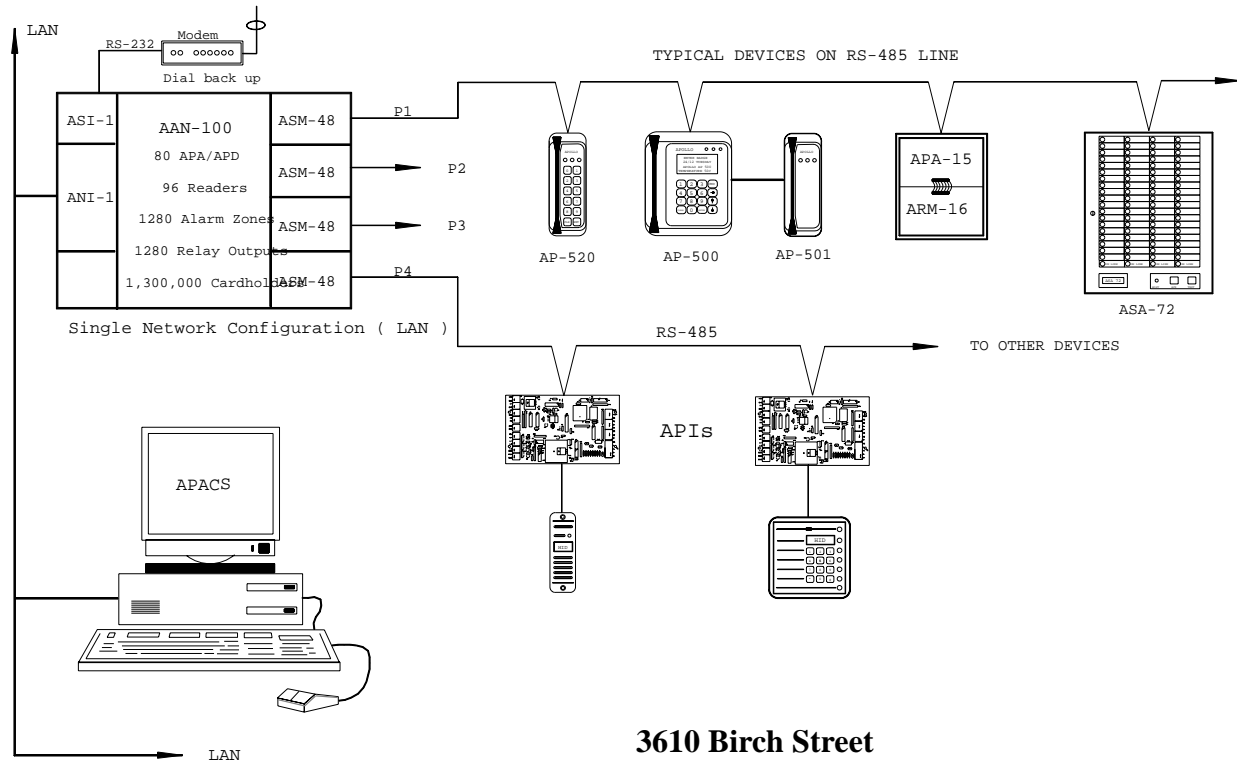
AAN-100

Alarm Access Network Interface Module

The AAN-100 module provides the next generation of advanced technology for integrated access control, alarm monitoring and other security features. Advanced technology such as **Flash Memory** (eliminating ROMs/EPROMs) for firmware storage and updates, **direct interface to various networks (LANs)**, **up to 6 plug-in communication modules**, up to **1,300,000 cardholders** with plug-in RAM modules, and up to 100 devices such as badge readers, alarm panels and status panels.

AAN-100 Standard Features:

- Download of firmware into 2 megabits of flash memory
- Plug-in communications and memory modules
- Supports direct network interface/redundant LANs
- TCP/IP protocol
- Supports RS-232/RS-485/Fiber optics interfaces
- Up to 6 communications ports/Dual path to host
- 1 MB RAM (AME-10) standard, expandable to 8 MBytes
- Stores up to 250,000 cardholders/100,000 Events
- Battery back-up of database and events
- Dedicated/dial communications interface to host
- Grade AA communications to host/Local printout
- Elevator control/Anti-passback/Alarm masking
- Directly controls 96 card readers
- Supports up to 32 alarm panels (1280 zones)



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OPERATION

The AAN-100 communicates with APOLLO intelligent mag stripe readers, and with Wiegand, proximity and other card reader technologies through the AIM-4 and API interface modules. The AAN-100 also communicates with various APOLLO alarm panels and status panels. All access decisions are made in the AAN-100 using an advanced technology 32-bit processor. The AAN-100 can interface directly to existing networks, thus saving cost and time of installation.

The AAN-100 controller comes with 1 MB RAM as standard. You can expand the RAM using AME-10 or AME-20 plug-in RAM modules. The AAN-100 requires 1 to 4 device driver modules (ASM-23 or ASM-48) depending upon how many lines are to be used to communicate with the card reader, alarm modules or status panels. In the network configuration the AAN-100 requires either a single or dual Ethernet module ANI-1 (single or dual networks). For non-network configuration, the dual port high-speed serial interface module (ASI-1) will be required. If the dual port high-speed interface is selected then you must add a single or dual RS-232 or RS-485 driver module (ASM-23 or ASM-48) for communications to the host.

ORDERING INFORMATION

Model Number	Part Number	Description
AAN-100	430-100	Alarm/Access network controller. Includes one AME-01
ANI-1	430-110	Network interface, Ethernet (10BASE-T and AUI)
ASI-1	430-130	High-speed serial host interface, dual RS-232/485 (Uses ASM-23 or ASM-48)
ASM-23	430-131	Plug-in host or device RS-232 driver
ASM-48	430-132	Plug-in host or device RS-485 driver
AME-10	430-150	1 Mbyte RAM expansion
AME-20	430-160	2 MByte RAM expansion consult factory for expansion to 8MB
APU-24R	460-150	230/115 VAC input, 24 Vdc 2.0A output, regulated uninterruptible power supply/battery charger in enclosure with lock, power switch, fuse and tamper switch. Includes one battery tray. AAN-100 mounts inside.
AUS-12	460-070	115 VAC input, 12 Vdc 2.0A output, regulated uninterruptible power supply, 5 Ah battery, enclosure, power indicator, fuse and tamper switch. AAN-100 mounts inside.
AUS-12I	460-071	230 VAC input, 12 Vdc 2.0A output, regulated uninterruptible power supply, 5 Ah battery, enclosure, power indicator, fuse and tamper switch. AAN-100 mounts inside.
ABT-12	460-050	Single battery pack, 12Ah.
ABT-24	460-160	Dual battery pack, 12Ah each.
ATM-48	470-030	Terminator for RS-485 (2 per line required)

SPECIFICATIONS

Dimensions:	7.5"H x 5.5"W x 1"D (19 x 14 x 2.5 cm)
Operating Temperature Range:	0 to 50° C (32 to +122° F)
Humidity Range:	0 to 95%, non-condensing
Power Requirements:	13.6 to 28 Vdc @ 750 mA (max.)

Note: Information contained in this document is subject to change without notice.

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