

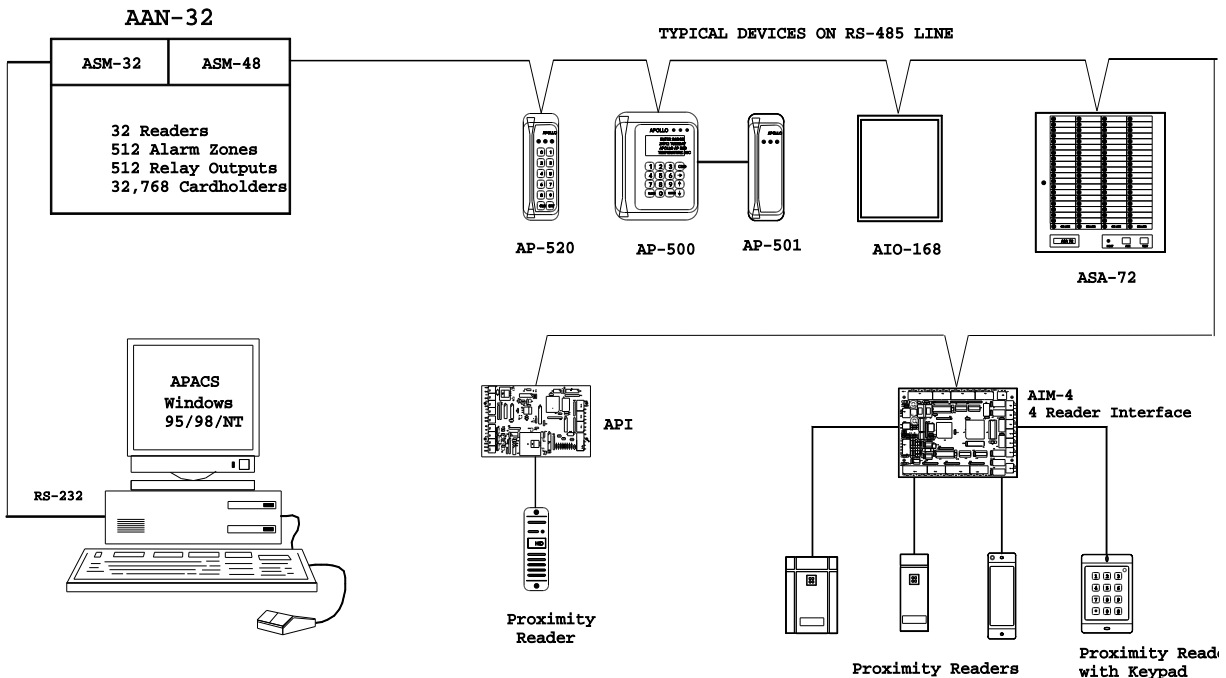
AAN-32

Low Cost Alarm Access Multiplexer

The AAN-32 module provides the next generation of advanced technology for integrated access control, alarm monitoring and other security features in a low cost package. The unit employs **Flash Memory** (eliminating ROMs/EPROMs) for firmware storage and updates, and **2 plug-in communication modules**. It can store up to **65,000 cardholders** with its plug-in RAM module (up to 2 MB), and control up to 32 devices such as badge readers, alarm panels and status panels.

AAN-32 Standard Features:

- Download of firmware into 2 megabits of flash memory
- Plug-in communications and memory module
- Supports RS-232/RS-485
- Dual communications ports
- 1 MB RAM standard (2 MB optional)
- Stores up to 65,000 cardholders/25,000 Events
- Battery back-up of database and events
- Dedicated/dial communications interface to host
- Grade AA communications to host
- Elevator control/Anti-passback/Alarm masking
- Supports 32 card readers
- Supports up to 32 alarm panels (512 zones)



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OPERATION

The AAN-32 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-32 also communicates with various APOLLO alarm panels and status panels. All access decisions are made in the AAN-32 using an advanced technology 32-bit processor.

The AAN-32 controller comes with 1 MB RAM as standard. The AAN-32 requires one device driver module (ASM-48 or ASM-23) to communicate with card readers, alarm modules or status panels. An RS-232 or RS-485 driver module (ASM-23 or ASM-48) is also required for communications to the host.

ORDERING INFORMATION

Model Number	Part Number	Description
AAN-32	430-102	Alarm/Access network controller. Includes one AME-10.
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-20	430-160	2 MByte RAM expansion. (AME-20)
APU-12	460-040	Enclosure with 230/115 VAC to 12Vdc regulated uninterruptible power supply/battery charger, power switch, fuse, tamper switch and one battery tray (No batteries).
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.
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:	12.0 to 28 Vdc @ 750 mA (max.)

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

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