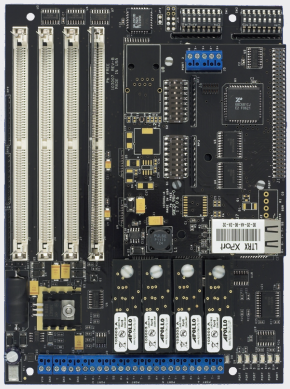
AAN-100

96 Reader Intelligent System Controller



- On-Board Memory up to 1,240,000 Cardholders/65,535 Events
- 96 Device Control (Readers, Alarm Panels, Status Panels)
- Up to 8 MB Memory
- Full Ethernet Connectivity to host and devices (with ENI-110/ANI-100)
- Internally Stored Functions (not reliant on external PC/software)
- Timed Card Activation/Deactivation
- 38 Access Levels per Card/255 Access Levels/Precision Access
- Support for PIV, TWIC and CAC readers

ACS Master Controller

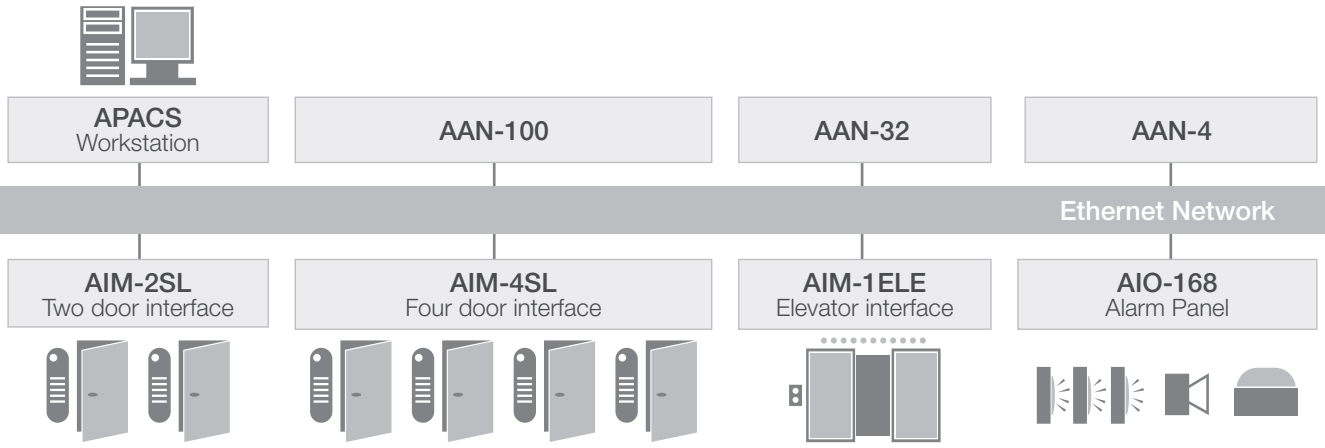
Apollo's AAN-100 Intelligent System Controller for Access Control and Alarm Monitoring sets the industry standard with support of up to 96 devices (readers, alarm panels, status panels) and memory capacity of 1,240,000 cardholders/65,535 events. The on-board 32-bit processor supports advanced inter-device reactions (Internal Variables) that are stored within the controller's memory and thus operate without relying on a PC/software host, providing ultra-dependable functions for the highest security applications.

For fast loading of configuration/cardholder data and reporting of events, the AAN-100 can utilize RS-485, RS-232 or Ethernet communication with available 256-bit AES Rijndael encryption and dual-path communication. Communication to devices is routed through four ports that can support a versatile mix-and-match combination of RS-485, RS-232 and Ethernet communication, all monitored by separate communication status LED's.

The AAN-100 features robust advanced electronics technology to ensure long life with minimal failures making for ultimate security as well as lowering maintenance costs. Surface mount manufacturing technology, field replaceable communications modules and remote flashable firmware for controllers and attached devices take the worry out of your Access Control System. These outstanding advantages combine to give Apollo equipment 1,100,500 hours (127 years!) mean time between failures (MTBF).

Forming the base of a tri-level database redundancy system, the AAN-100 interacts with Apollo intelligent field hardware and Apollo's APACS software or as a developer integration platform, in every case providing a flawless platform for your security. These strengths have made the AAN-100 the standard for demanding sites such as nuclear power facilities, military installations and major corporations worldwide.

SYSTEM DIAGRAM
Apollo AAN System Overview



SPECIFICATIONS

Power Requirements : +12 to +28Vdc @ 400mA (with ANI)
Dimensions : 7.5 in x 5.5 in x 1.0 in (19 x 14 x 2.54 cm)
Environment : Operating Temperature: 0-70° C
Storage Temperature : -40 to 85° C
Relative Humidity : 0 to 95%, non-condensing
Weight : 1 Lb (.45 Kg)
Memory Backup : 3 AA Alkaline batteries type NEDA 15A
Communication : 2 Host Ports (RS-485 or Ethernet 100 BaseT w/ANI-100)
4 Device ports (RS-485, RS-232, Ethernet 100 BaseT w/ENI-110)
Inputs : 1 Cabinet Tamper; 1 Power Fault
Approvals : CE, RoHS

Model Part	Number	Description
AAN-100S	430-100R	Alarm/Access network controller (1 Mbyte) Requires interface and 4 device drivers
AAN-100NCC	430-186R	Alarm/Access network controller with 4 device drivers and ANI-100
ENI-110	430-173R	Ethernet Network Interface for device port communication.
APU-1210	460-110R	12V DC Power Supply & Enclosure for AAN-32 with 120V 10 Amp Switching Power Supply and Battery (30aH)
ASM-48	430-132R	Plug-in RS-485 Communications Driver

APOLLO
intelligent security solutions

3610 Birch Street
Newport Beach, CA 92660-2619, USA
Tel: +1 949 852 8178 | Fax: +1 949 852 8172
www.apollo-security.com

Rev 4A, 19 JUL 2010 © Apollo /ADME Inc.,
Information contained in this document is subject to change without notice.