

- 16 Alarm Input Zones with available line supervision, entry/exit delay, and time zone control
- 8 Form-C Relay Outputs with individual configuration for local linkage, time zone control and pulse time
- Flexible configurations custom fit any application:

AIO-168	16 Inputs, 8 Outputs
AIO-16	16 Inputs
AIO-8	8 Outputs
ARM-8	8 Output Add-On
- Full alarm monitoring integration solution for Apollo systems

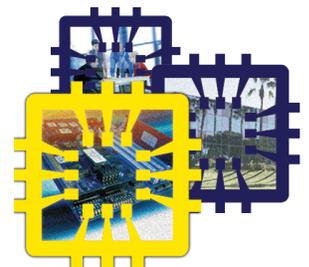
Security, Safety, Sensibility...

Get more out of your access control system by adding powerful alarm monitoring functions with the AIO-168 Alarm Input/Output Module which features 16 Alarm Input Zones and 8 output relays, all fully configurable with advanced options for a full featured alarm monitoring system. Dependable multi-level functions as well as off-line functionality coupled with Apollo's superior manufacturing make unparalleled reliability.

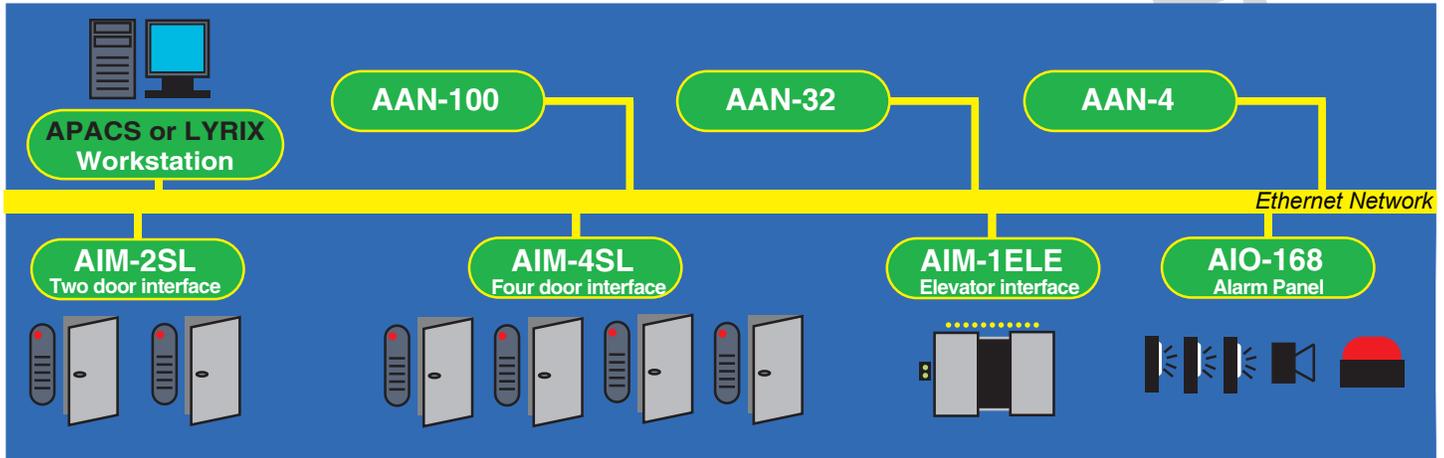
The AIO's 16 highly sensitive input zones are scanned up to 180 times per second in order to detect alarms other systems miss. In addition, input data is filtered for noise rejection, preventing annoying and costly false alarms. Supervised mode allows the AIO to monitor input line status in order to prevent tampering with wiring to defeat alarm input devices. Input supervision reports short or open conditions on the line by using a standard end-of-line resistor or for higher security applications, custom resistor values are available.

For interfacing to external devices such as annunciation sirens and indicator lights, the AIO-168 features 8 Form-C SPDT outputs. Each output can be individually configured for local linkage to any combination of the AIO's 16 input zones as well as line tamper condition, cabinet tamper condition, communication loss or power supply interruption even in an off-line state. Further relay control can be programmed in AAN/AAM series controllers or in the software host to provide relay function in a virtually unlimited number of circumstances.

The AIO is available in four base configurations and with an optional 8 relay add-on board for flexibility in designing any system.



Apollo AAN System Overview



Specifications:

Power Requirements: +12 to +28Vdc @ 350mA

Dimensions: 7.5 in x 5.5 in x 1 in (19 x 14 x 2.5 cm)

Environment: Operating Temperature: 0 to 70° C
Storage Temperature: -40 to 85° C
Relative Humidity: 0 to 95%, non-condensing

Relays: Coil: 12Vdc
Contacts: 2A @ 24Vdc
.5A @ 120Vac

Weight: 1 Lb (.45 Kg)

Approvals: CE, RoHS

Model	Part Number	Description
AIO-168	420-168R	Analog Input Alarm Module, supports 16 supervised inputs and 8 outputs
ENI-100	430-172R	Ethernet Network Interface for connection of AIO-168.
APU-1210	460-110R	12V DC Power Supply & Enclosure for AIO-168 with 120V 8 Amp Switching Power Supply and Battery (30aH)
ATM-30	470-031R	Alarm zone terminator for AIO-168

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

