ENI-100

Encrypted Fast Ethernet Network Interface

APOLLO
intelligent security solutions

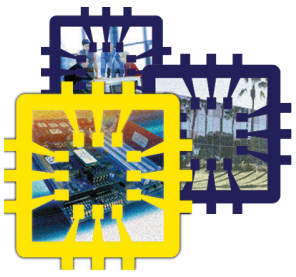
- *256-bit AES Rijndael encryption*
- *UDP Communication reduces network bandwidth usage and eliminates broadcasts*
- *Configuration via on-board web page or Telnet server*
- *Advanced security features*

Get connected...

Getting your Access Control System hooked to your network has never been easier and at the same time completely secure. Apollo's ENI-100 seamlessly integrates with AIM series reader interfaces and AIO alarm panels providing a true built-in solution that is field replaceable and upgradable. Simply replace existing RS-485/232 drivers with an ENI connected to the TTL interface and network connectivity is only minutes away, no external power source is required.

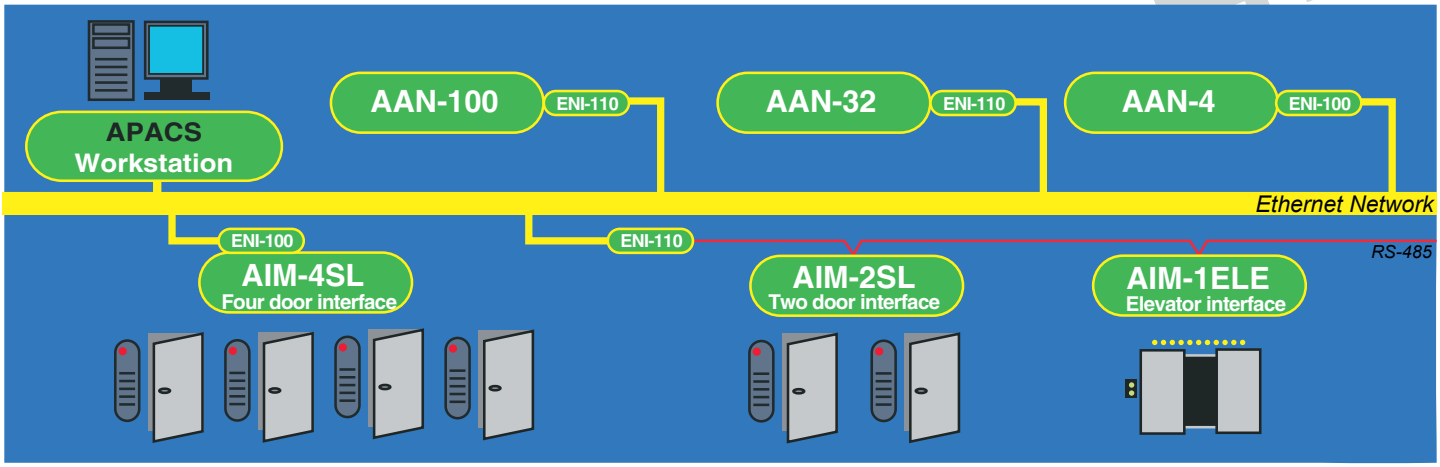
For complete wire replacement strategies, the ENI-110 features an external RS-485 interface which can then connect to existing wiring or connect to several devices on a local RS-485 drop. The ENI-110's compact size is ideal for mounting inside existing enclosures and low power requirements reduce the need for extra power supplies.

Advanced communication between ENI devices eliminates network 'chatter' caused by many security system devices. Secure and efficient intra-device transmission is achieved by UDP protocol with available 256-bit AES Rijndael ensuring no tampering with communications. All device features including security options can be quickly configured through built-in web pages and Telnet server. Updating as well is easy even from remote locations with the ENI's FTP server.



Apollo AAN System Overview

System Diagram



Specifications:

Power Requirements:	+5 to +24Vdc @ 100mA typical, (ENI-100 power supplied from host device)
Dimensions:	4.45" L x 2.3" W x 1.1" H (11.3 cm x 5.85 cm x 2.8 cm) (ENI-110)
Environment:	Operating Temperature: 0 to 70° C Storage Temperature: -40 to 85° C Relative Humidity: 0 to 95%, non-condensing
Weight:	0.5 Lb (.225 Kg)
Network Protocol:	TCP/IP (Host Communication), UDP (Device Communication)
Baud Rate:	1200 to 115.2K bps
Encryption:	Optional 256-bit AES Rijndael
Approvals:	CE, RoHS

Specifications

Model	Part Number	Description
ENI-100	430-172R	Network interface for AIM-4SL/2SL/1SL/ and AIO-8/16/168
ENI-110	430-173R	Network interface with RS-485 interface for use with AAN-100/32 and EZ-Multisite
AAN-100NCC	430-186R	Alarm/Access network controller with 4 device drivers and ANI-100
AIM-4SL	430-400R	4 door Reader Interface Module with supervised inputs & downloadable database
AIO-168	420-168R	Analog Input Alarm Module, supports 16 supervised Inputs and 8 outputs
AAN-4N	430-191R	4 Reader network controller with ENI-100

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