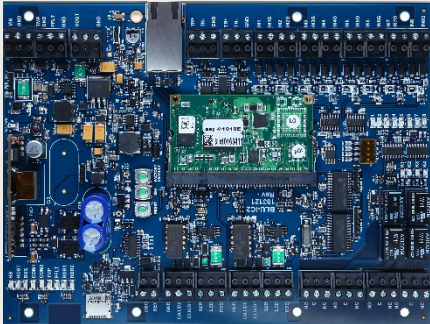


ASP-2

2-Door Clustering Network Integrated Controller



- Up to 2 readers / 2 Doors, Expandable to 18 readers via OSDP
- Clustering support for up to 32 controllers
- Asynchronous communication eliminates polling requirements
- On-board Script hosting support for advanced programming
- Power Over Ethernet (PoE) Support
- 250,000 Cardholders* /100,000 Event storage
- Fast download of cardholder/configuration information

Advanced Intelligent Controller

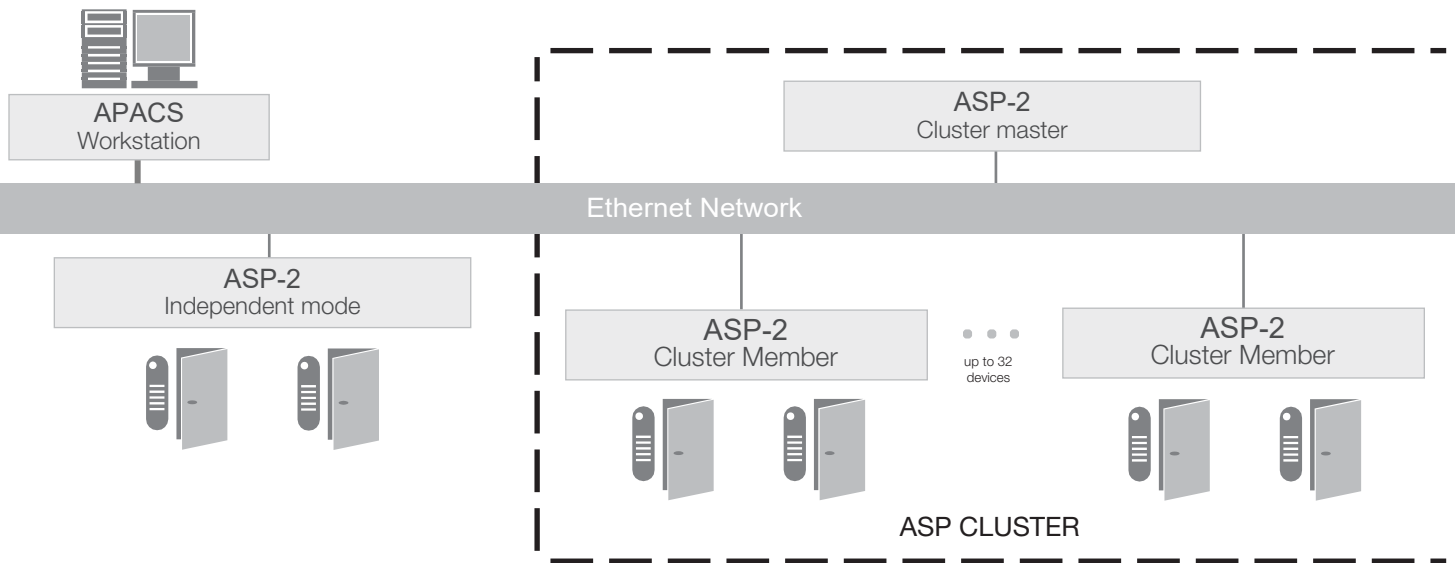
Apollo’s ASP-2 Integrated Controller represents the next step in intelligent Access Control Systems. With capacity, features and speed not found on other devices, the ASP-2 provides unparalleled flexibility. In addition to standard features, custom scripting is available to provide a PC - Independent platform that doesn’t solely rely on software interactions.

The ASP-2 can be clustered with up to 31 other ASPs to form a powerful hardware network that communicates through a unified path to the host, providing cluster features such as Anti-Passback and linkages between controllers.

HARDWARE FEATURES	PROGRAMMING FEATURES
Up to 65,000 access levels per cluster, 255 access levels per card, up to 127 card formats	On board script hosting allowing modifications without modifying firmware
2 10/100Mb Ethernet Interfaces	User-defined features via scripting
Cluster master provides central communication point to software host	Event scripting for handling of live system
2 Downstream RS 485 comm ports	Logic scripting for object state modification
4 auxiliary inputs, 2 auxiliary outputs, 2 unsupervised inputs, 1 digital strike control output	Function reassignment for inputs/outputs to support access system or alarm functions
8 supervised inputs Configurable values (16 pre-defined)	Threat Level
Power Over Ethernet (PoE) Support 25.5 watts	Use Limits
No constant polling, on-demand communication as needed	Fast downloads - up to 100,000 cards in under 10 second

SYSTEM DIAGRAM

Apollo ASP-2 System Overview



SPECIFICATIONS

Power Requirements	: +12 to +28Vdc @ 500mA
Dimensions	: 8 in x 6 in x 0.8 in (20.32 x 15.24 x 2.03 cm)
Environment	: Operating Temperature: -40 to 85° C
Storage Temperature	: -40 to 85° C
Relative Humidity	: 0 to 95%, non-condensing
Weight	: 0.6 Lbs. (.3 Kg)
Communication	: 1 10/100Mbit Ethernet (IPv4/6 support) 2 RS-485, Micro USB 2.0 with OTG support
Inputs	: 8 Supervised Inputs; 2 Unsupervised Inputs
Outputs	: 4 Configurable Outputs

Model Part	Number	Description
ASP-2-P*	430-525	ASP-2 2 door network controller with POE
ASP-2*	430-526	ASP-2 2 door network controller without POE

*Available in 500, 5,000, 20,000 and 250,000 card versions.



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

Rev 1, 6 FEB 2020 © Apollo/ADME Inc.,
Information contained in this document is subject to change without notice.