

ASP-4

4-Door Network Clustering Integrated Controller



- Support for 4 readers / 4 Doors natively with up to 20 directly connected readers via OSDP
- Clustering support for up to 32 devices / 128 Readers
- Asynchronous event push communication eliminates polling requirements
- Onboard App Script support for advanced programming
- Fully configurable inputs/outputs for hybrid support of ACS and I/O alarm functions
- 250,000 Cardholders /100,000 Event storage
- Fast download of cardholder/configuration information
- Industrial Temperature Rating (-40 to + 85°C)

Advanced Intelligent Controller

Apollo's ASP-4 Integrated Controller represents the next leap in intelligent Access Control Systems. With capacity, features and speed not found on other devices, the ASP-4 provides unparalleled flexibility. In addition to standard features, powerful app scripting is available to provide a powerful platform that is fully secure and redundant while at the same time being customizable.

The ASP-4 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 for up to 128 card readers.

The ASP is integration ready with an available Open Platform SDK that allows providers of other access control software to easily use the controller with their own software solution taking advantage of a combination of native and programmed features.

HARDWARE FEATURES

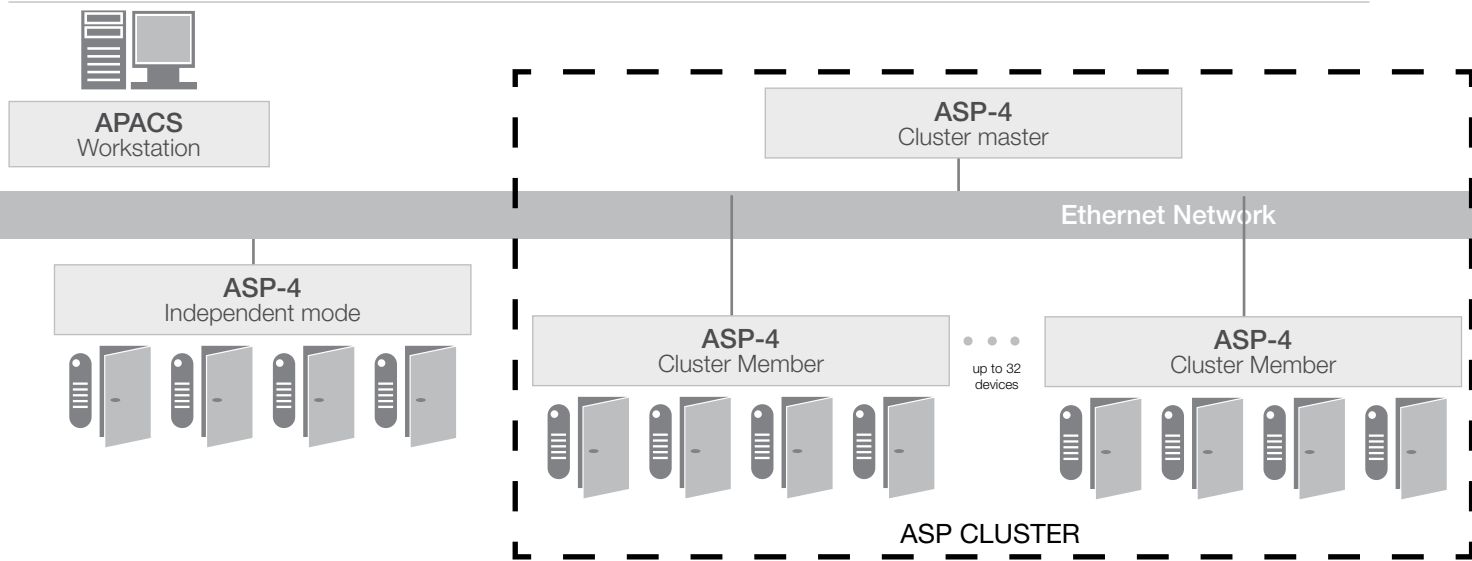
300 access levels, 50 access levels per card, up to 127 card formats
 Cluster up to 128 Readers.
 Cluster master provides central communication point to software host
 No constant polling, on-demand communication as needed.
 16 supervised zones, 1 unsupervised tamper
 8 relay outputs, expandable with add-on relay modules.
 Up to 127 card formats
 2 10/100 Ethernet Interfaces
 TLSv1.2 AES-128-SHA with two way authentication

PROGRAMMING FEATURES

User accessible app scripting for adding or modifying controller functions.
 Event app scripting for handling of live system
 Serial app scripting for integration with 3rd party devices
 Logic app scripting for object state modification and new feature implementation
 Selectable supervision values (12 pre-defined)
 Function reassignment for inputs/outputs to support access system or alarm functions
 Threat Level
 Use Limits
 Fast downloads - up to 100,000 cards in under 15 seconds

SYSTEM DIAGRAM

Apollo ASP System Overview



SPECIFICATIONS

Power Requirements	: +12 to +28Vdc @ 500mA
Dimensions	: 6 in x 8 in x 1.0 in (15.24 x 20.32 x 2.54 cm)
Environment	: Operating Temperature: -40 to 85° C
Storage Temperature	: -40 to 85° C
Relative Humidity	: 0 to 95%, non-condensing
Weight	: 0.8 Lb (.45 Kg)
Communication	: 2 10/100Mbit Ethernet (IPv4/6 support) 2 RS-232/485, 1 USB Host (future use)
Inputs	: 16 Supervised Inputs; 1 Unsupervised Tamper
Outputs	: 8 Configurable Outputs
Certifications	: CE, RoHS, FCC

Model Part	Number	Description
ASP-4	430-601	4 Door/4 Reader Clustering Intelligent Access Controller, 5000 card storage
ASP-4	430-602	4 Door/4 Reader Clustering Intelligent Access Controller, 20,000 card storage
ASP-4	430-603	4 Door/4 Reader Clustering Intelligent Access Controller, 250,000 card storage



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