



AP-SPM

Features

- 10 to 28VDC operation
- RS-232, RS-485 or Ethernet communication options
- Two reader ports
- Magnetic/Wiegand/Proximity/Keypad
- Small Form Factor (5x7)
- UL Class A Supervision
- Supports up to 8 Facility Codes

Benefits

- Power Readers From Controllers
- Cost Effective Installation
- Supports All Popular Reader Technologies
- Field Upgradeable
- Proven hardware meeting global standards

Scaleable Architecture

The AP-SPM controller brings new features, high performance and a competitive cost to the access control market.

A compact 5x7 form factor allows for easy installation and requires minimal wall space. With all wire termination points on one edge, board installation options are plentiful. Traditional tile mounting, edge mounting, or rack mounting are all possible.

Hardware status indicators are plentiful and allow for confirmation of proper operation without any specialized test equipment. Individual LEDs indicate the state of each input, each relay, and each reader.

Connection options with the AP-SPM include RS-232, RS-485, and Ethernet (using a daughter card). After configuration is complete, the AP-SPM can perform all functionality without dependence on the host computer.

The AP-SPM can be expanded via software unlock that will enable the AP-SPM to provide support for up to 15,000 card holders, up to 64 card readers OR up to 248 inputs OR up to 248 outputs with the associated AP-DDM, AP-ICM and AP-OCM controllers.

The AP Series System Processor Module (AP-SPM) provides all necessary inputs and outputs to interface two card readers and associated door hardware. The AP-SPM supports connections to the AP-DDM, AP-ICM and AP-OCM controllers for expansion.

The AP-SPM can be configured as entry/exit, entry/entry or master/slave.

AP SERIES SYSTEM PROCESSOR MODULE (AP-SPM) SPECIFICATIONS

TECHNICAL SPECIFICATIONS

ELECTRICAL:	Primary Power: 10-28 VDC, 300 mA (450 mA with LAN daughter board) (Does not include reader power current, if passed through)
COMMUNICATION:	Port 1: RS-232,RS-485,Ethernet (with daughter card) Port 2: RS-485, 2- wire(twisted pair with shield, Belden 9841) up to 4,000'
READER PORTS:	2 Reader Ports
POWER:	Unregulated pass through (current limited to 300mA for each reader)
CARD DATA:	TTL Compatible (mag stripe / Wiegand), RS-485
KEYPAD:	Multiplexed with card data, 4-bit or 8-bit burst
INPUTS:	2 Dedicated: tamper and power monitor
OUTPUTS:	8 Form 'C 2 Amp 30 VDC
MECHANICAL:	Dimensions: 4.0" W x 7.0" L x 1.0" H (102mm W x 178mm L x 25mm H)
ENVIRONMENTAL:	Temperature: 0-70° C operational, -55-85° C storage Humidity: 0 to 95% RHNC

COMPATIBLE SYSTEM PROCESSOR MODULES:

Eclipse™ 700 systems: AP-SPM

RELATED COMPONENTS:

DDM, ICM, OCM

The AP-SPM supports 2 card readers as a minimum. The base configuration of the AP-SPM can support up to 8 card readers OR 996 inputs OR 996 outputs with additional AP-DDM, AP-ICM and AP-OCM modules. The AP-SPM can be "unlocked" via software key at the time of purchase or in the field to provide support for up to 64 card readers OR 996 inputs OR 996 outputs. This feature allows you to pay for only what you use.

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