# **AP-550**

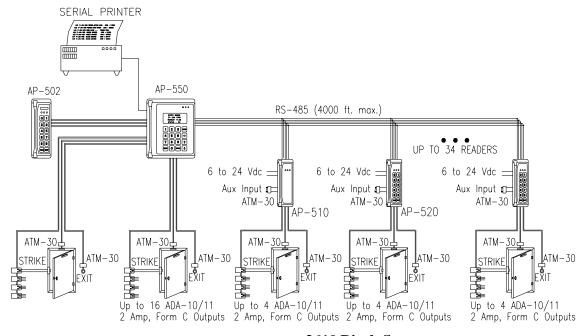
# Stand-alone, 34-Door, magnetic stripe card reader/controller with alarm monitoring and flash memory

The AP-550 master card reader controls up to 34 doors, using an AP-501/502 as a directly controlled second reader, and 32 RS-485 multi-dropped AP-510 or AP-520 slave readers. This economical system does not require use of an access control panel. The AP-550 is configured locally, via its integral 16 position keypad.

# AP-550 features:

- 4-line, 64 character backlit display/16 bit processor
- 16 position keypad with audible feedback/3 LED's
- Attractive die cast metal enclosure
- Digital encoding of strike signals
- Security lock/Tamper switch
- Supports two read heads using built-in electronics
- Direct RS-232 (or RS-485) to PC or dial modem
- Low power +6 to +24 Vdc/surface mount electronics
- Pluggable connectors for simple low cost installation
- Dedicated serial printer port/8 supervised alarm zones
- Stand-alone operation/34 card readers
- Up to 20,000 cards, or 6,500 events
- Battery backed database, configuration, event storage
- Supports 2 APA-15/16 alarm modules (each with an ARM-16, relay output module) or 2 AIO-168's
- Up to 32 RS-485 multi-dropped devices
- Bi-directional card swipe/1 Megabit flash memory
- Database/Configuration from keypad or PC
- Complete field configuration of card format/database
- 128 time zones/6 time intervals per time zone/100 holidays
- Competitively priced/7 finishes available





**APOLLO** 

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## **ORDERING INFORMATION**

#### Enclosure Finishes

The AP-550 reader has a die-cast aluminum enclosure which is available in a variety of finishes. Use the table below to specify the desired finish. When ordering, add the finish number, preceded with a dash, immediately following the part number.

#### Mounting Hardware

Mounting hardware for the AP-550 is also ordered as an extension of the base part number. Add -B (for box), or -N (for none), after the finish number.

Note: The AP-550 can be mounted directly to a single-gang box. No additional mounting plate is required.

#### Extended Wear Read Head

The extended wear read head is also ordered as an extension of the base part number. Add -X for the extended wear read head, or -S for the standard (1 million pass) head, after the mounting hardware number.

Example: The complete part number of an AP-550 with a black powder coat finish, a surface mount box, and an extended wear read head is: 400-160-0-B-X.

Model Number	Part Number	Description
AP-550	400-160	34-door reader/controller
ABX-1	400-640	Surface mounting box
ARH-10	400-500	Extended wear read head (4 million passes)
ADA-10	400-400	Digital receiver module
ATM-30	470-031	Alarm zone terminator
ATM-48	470-030	RS-485 terminator (2 required)

Finish Number	Card Reader Enclosure Finish	Outdoor Use	Added Cost
0	Black Powder Coat	Yes	No
1	Beige Powder Coat	Yes	No
2	Gray Powder Coat	Yes	No
3	Line Grain/Clear Coat	No	Yes
4	Chrome Plate	No	Yes
5	Antique Brass Plate	No	Yes
6	Brass Plate	No	Yes

## **SPECIFICATIONS**

Dimensions:
Weight:
Operating Temperature Range:
Humidity Range:
Power Requirements:

5.6"L x 4.98"W x 1.5"H (14.2 x 12.6 x 3.8 cm) 0.4 lb. (0.18 kg) -40 to +85° C (-40 to +185° F) 0 to 95%, non-condensing +6 to +24 Vdc @ 200 mA

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Note: Information contained in this document is subject to change without notice.