AP-530

Low cost, stand-alone, single door access card reader
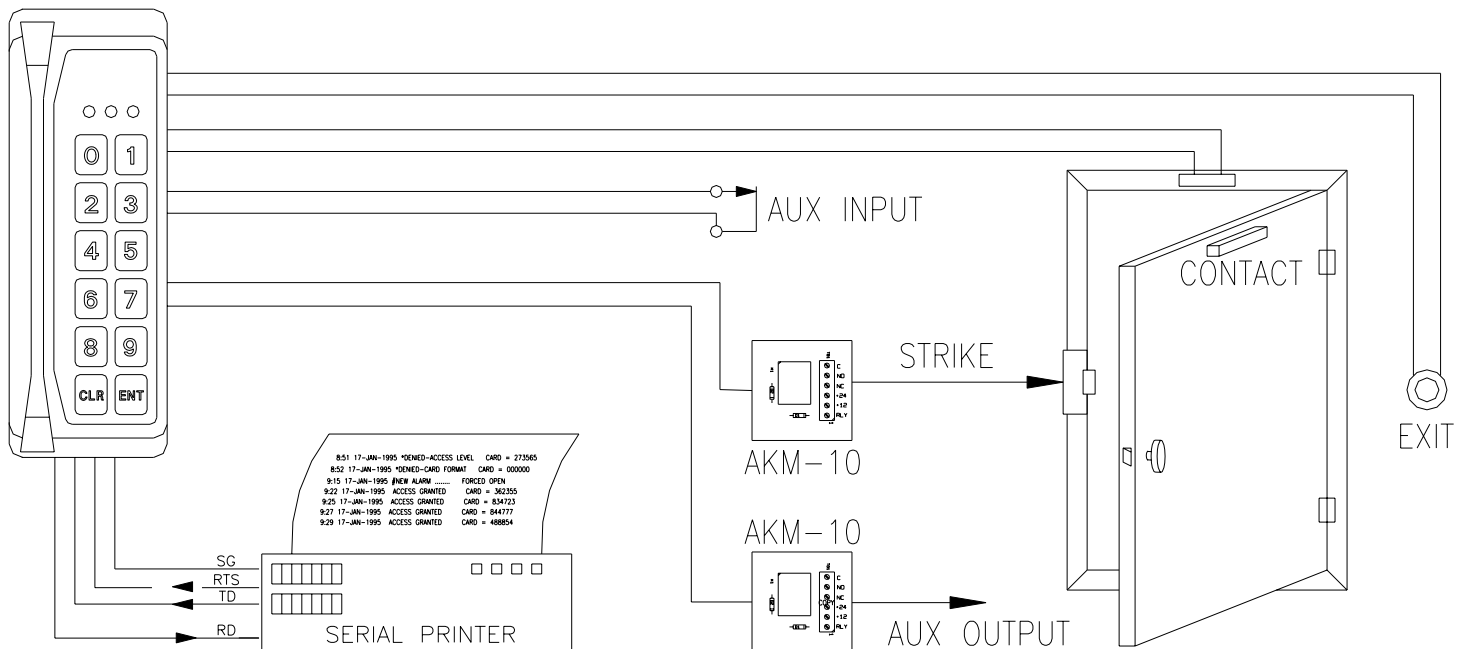## 1000 sequential or 100 random (credit) cards

The AP-530 is a bright new concept in low cost, single door, stand-alone access control. The AP-530 provides complete time zone control of access with its battery-backed real time clock, and provides a printer output for event logging and configuration output, via its RS-232 serial interface. No programming cards, as used on other low cost stand-alone readers, are required. All AP-530 programming is performed via its integral 12 position keypad.

AP-530 features:

- Wide input voltage range (+6 to +24 Vdc)
- Low power/surface mount/1 million pass read head
- Small, rugged, die cast aluminum (mullion mount)
- Complete array of coordinated mounting hardware
- Mounts with security screw/tamper switch
- Attractive, weatherized finishes available
- 3 LEDs for access and reader status
- 12 position keypad with audible feedback
- Real time clock with battery back-up
- RS-232 printer interface/Bi-directional swipe
- Supports credit cards or Apollo supplied high coercivity magnetic stripe cards
- 1000 sequential/100 random or credit cards
- 4 time zones/7 access levels/20 Holidays
- Monitors and reports reader tamper/door alarm
- Output for door strike/output for auxiliary use
- Non-volatile memory for card/PIN storage
- Installs with plug-in connectors

OPERATION

The AP-530 has 4 inputs and 2 outputs. It monitors door contact, exit push-button, reader tamper and auxiliary alarm zone, and outputs control lines for the electric door strike and an auxiliary output. The aux output can be used for a local door alarm, to arm/disarm a separate alarm system, or for any other output functions. The AP-530 can limit access by time of day, day of week and provides up to 20 holidays that can override the day of week. Reader mode (card only, card/PIN, card and PIN, facility codes, locked, unlocked) can be controlled by time.

ORDERING INFORMATION

Enclosure Finishes

The AP-530 reader has a die-cast aluminum enclosure that 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-530 is also ordered as an extension of the base part number. Add -P (for plate), -B (for box), or -N (for none), after the finish number.

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-530 with, a black powder coat finish, a mounting plate, and an extended wear read head would be: 400-160-0-P-X.

Model Number	Part Number	Description
AP-530	400-150	Stand-alone single-door reader/controller
AMP-4	400-630	Mounting plate for installing reader on a single-gang electrical box
ABX-2	400-650	Surface mounting box
ARH-10	400-500	Extended wear read head (4 million passes)
AKM-10	400-410	Relay module, SPDT 5A contacts

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:	5.6"L x 1.98"W x 1.5"H (14.2 x 5 x 3.8 cm)
Weight:	0.4 lb. (0.18 kg)
Operating Temperature Range:	-40 to +85º C (-40 to +185º F)
Humidity Range:	0 to 95%, non-condensing
Power Requirements:	+6 to +24Vdc @ 25mA