

AP-501/502

Low Cost, OEM Magnetic Stripe Card Readers

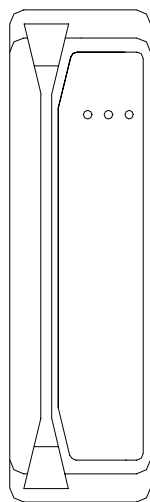
The AP-501 and AP-502 card readers, available with industry standard Wiegand and clock/data output, are compatible with many OEM access control systems. They also serve as a low cost slave reader for the AP-500 or AP-550. These readers provide DIP switch selected output data formats.

AP-501/502 Features:

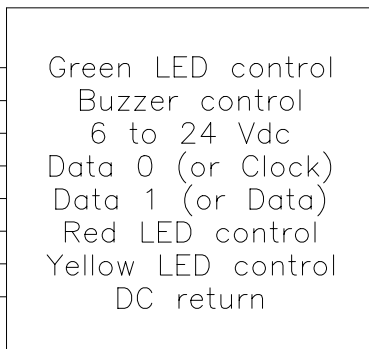
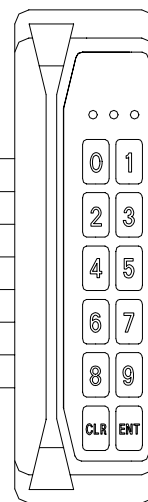
- Wide input voltage range (+6 to +24 Vdc)
- Low power/surface mount/1 million pass read head
- Small, rugged, die cast aluminum (mullion mount)
- Complete array of coordinated mounting hardware
- Mounts with security screw/tamper switch
- Attractive, weatherized finishes
- 3 LEDs for access and reader status
- 12 position keypad with audible feedback
- Easy installation with quick-disconnect connectors
- Audible indicator of access grant/deny
- Card and PIN data share same output lines
- Custom finishes/overlays available
- Bi-directional swipe/Wide temperature range
- DIP switch selected Wiegand data output formats
- DIP switch selected output: Data 0/Data 1 (Wiegand) or Clock/Data
- Distance to access system controller up to 500 ft. (150M) with Wiegand output



AP-501



AP-502



AP-500, AP-550, AIM-4, API-13
OR OEM ACCESS CONTROL PANEL USING
WIEGAND (DATA 0/DATA 1) OR MAG (CLOCK/DATA)
TYPE INTERFACES (SWITCH SELECTABLE)



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OPERATION

The AP-501/502 card readers read low energy (credit card) or high energy magnetic stripe cards. The reader translates card information to selected Wiegand formats as required by the OEM's controller. Data output formats are switch selectable. The AP-501/502 card reader operates as a slave to the AP-500 master reader or AP-550 34 door card reader/controller, and can be located up to 500 ft. (150 m.) away, using its standard Wiegand interface.

ORDERING INFORMATION

Enclosure Finishes

The AP-501 and AP-502 readers have die-cast aluminum enclosures which are 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-500 series 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-501 with a black powder coat finish, a mounting plate, and an extended wear read head would be: 400-110-0-P-X.

Model Number	Part Number	Description
AP-501	400-110	OEM reader with Wiegand output
AP-502	400-120	OEM reader with Wiegand output and 12 position keypad
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)

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 1.4"H (14.2 x 5 x 3.6 cm)
Weight:	0.4 lb. (0.18 kg)
Operating Temperature Range:	-40 to +85° C (-40 to +185° F)
Humidity Range:	0 to 95%, non-condensing
Power Requirements:	+6 to +24 Vdc @ 10 mA

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