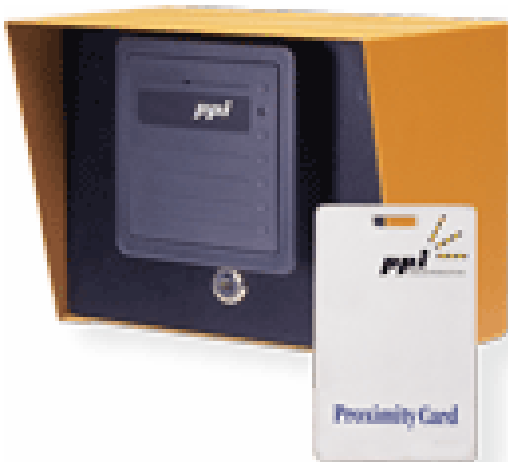


'SMART READER' SAC-4158

Product Specification



Stand-alone, programmable card access system for facilities where an on-line system is not required. Card readers can be pedestal or wall mounted. Total card capacity is 500. The unit is programmed via a hand held programmer. Wiegand (insert and slide through) and proximity read-heads are available.

A. OPERATION

The system shall consist of a stand-alone card reader/memory unit capable of recognizing individually coded plastic cards. Each card, by its code number, shall be granted access or denied access as determined by the card reader/memory units programming. Validating or invalidating of individual cards shall be accomplished by the use hand held programmer. A unit equipped with multiple readers shall be capable of prohibiting the use of a valid card at an entrance without first being used at an exit or visa versa (hard anti-passback).

B. CARD READER / MEMORY UNIT MODEL 4154

The Card Reader/Memory Unit shall be a self-contained device capable of storing a minimum of 500 card numbers.

The Smart Reader shall include the following features:

Stand-alone capability. No connection to a central computer shall be necessary.

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Clock	1 MHz crystal controlled
Card Capacity	500 individually numbered cards
Card Readers Supported	Read heads can be of the insert, slide through or proximity type.
Reader Module	Passive code reading - no active elements or mechanical parts. Read heads are unaffected by environmental conditions.
Adjustments	None.
Outputs	Form C relay output to operate door or gate. Contact rating: 2 amps at 28VDC.
Power Requirements	12VDC, .5Amps
Operating Temperature	0 deg F to 110 deg F (-20 deg C to 45 deg C) Humidity: 90% hot condensing at +40 degrees C
Mounting	Wall or pedestal mount enclosure: 5" H X 8 1/2" W X 8 1/4" D.
Dimensions	7" H X 9 1/2" W X 6" D (177mm x 214mm x 152mm)
Weight	4 lbs (1.8 kg)

Access Card:

Card Material	Highly durable plastic compound
Coding Method	Wiegand or Proximity technology, no visible coding, non-erasable
Coding Capacity	26-36 bits per card
Dimensions	2 1/8" X 3 3/8" (credit card size)
Options	Pictures or custom imprinting on cards

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Smart Reader pedestal mounting diagram:

