

ACI 6007 Identification Devices

Stand-alone Magstripe reader

- **Magstripe reader with keypad and built-in electronics**
- **Robust design**
- **Tamper protected**
- **Programmable by :**
 - Keypad
 - Hand-held programmer
 - Personal computer
- **For indoor or outdoor applications**
- **Expandable**



The reader can be mounted beside the door to be controlled. Anyone requesting access must swipe a magnetically encoded card through the slot on the reader. The reader is equipped with a keypad and contains the electronics that release the door.

Robust design

The electronics are mounted in an aluminium housing which is designed to resist weather and vandalism. It is suitable for all kinds of environments, indoors or outdoors, and has a built-in heater to keep the unit ice-free. If the reader is opened or removed from the wall, a tamper contact will transmit an alarm to any external alarm system.

Built-in buzzer

The unit has a built-in buzzer that will activate when the door is held open too long. The buzzer can be set to operate according to a time schedule.

Programming

The reader is simple to program and use. Enter new cards simply by accessing programming mode and swiping the new cards through the slot. Delete a card by entering the lost card's number on the keypad.

Other features (time schedules and print-outs) can be loaded via the hand-held programmer.

Expansion

The reader can be connected to an Aritech controller and will work as a 'slave reader' when the demand for security increases. In this mode, the electronics to release the door will be in a secure area in the controller.

The reader can be connected to other readers and/or controllers and can be programmed from a personal computer via the application software.

Functionality

The reader can be used to:

- Open a door for valid cards and/or codes during certain hours.
- Arm/disarm an intruder alarm system

The reader has three LED indications to give the user information about the status of the system. The security level can be chosen for each individual reader :

1. Door open - unlocked
2. Card or code to access
3. Card and code to access

Memory

The reader has a built-in memory for :

- 1289 cards and personal codes
- 100 time schedules
- 250 card groups
- 500 'last' events, which can be printed out using the hand-held programmer.



How to order

ACI 6007	Stand-alone cardreader with built-in keypad
Accessories (see separate leaflets for more detailed information)	
PG 822	Power supply 12 V dc (2,2 A)
BS 127	7.2 Ah battery back-up
ACA 000	Rain protection hood for outdoor applications of the reader
ACA 001	Request to exit button, surface mounted
ACA 002	Emergency exit button, with glass
ACT 600	Magstripe card with Aritech logo
ACC 1PS	Controller for one door, including housing and power supply
ACC 4PS	Controller for four doors, including housing and power supply
ACP 111	Hand-held programmer for programming of one reader or controller
ACP 4-500W	PC software in Windows in different levels

Technical Data

Supply voltage	12 or 24 V dc	
Current consumption		
Indoor	60 mA @ 12 V dc	40 mA @ 24 V dc
Outdoor (heater connected)	150 mA @ 12 V dc	95 mA @ 24 V dc
Cable	Reader - Lock:	Two wires unshielded
	Reader - Door contact:	Two wires unshielded
	Reader - Power supply:	Two wires unshielded
	Reader - Request to exit:	Two wires unshielded
Optional cable	Reader - External alarm system :	Six wires unshielded.
	Reader - Aritech controller :	4 wires
Inputs	Request to exit device Door monitoring Alarm armed - Input from external alarm system Trouble when attempting to arm -Input from external alarm system	
Outputs	Lock relay (free switching relay C/NC/NO) Alarm relay (free switching relay C/NC/NO), programmable pulse or latching	
Operating temperature	-20 to +50 °C	
Programming	- Via keypad and cardreader. - Via hand-held programmer connected to the reader (Plug-in). - Via application software in Personal computer (Windows).	
Dimensions	96 x 96 x 38 mm	
Weight	430 g	

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