



ACI 800 Series Identification Devices

Barcode readers

- High security reader technology
- Robust design
- Tamper proof
- Reader to controller configuration
- For indoor or outdoor applications
- With or without keypad



ACI 806

ACI 807

The reader can be mounted beside the door to be controlled. Anyone requesting access must swipe a barcoded card through the slot on the reader. The reader is connected to an Aritech controller which contains the electronics to release the door. The reader can also be equipped with a keypad.

High security technology

The Aritech barcode technology provides higher security in terms of:

- Reliable reading
- Encrypted card coding

The reader identifies each card without any friction that will affect either the lifetime of the card or the reader. The unique card code which is hidden behind a 'black stripe' on the card, is read when an infrared

light beam is reflected by the code onto a diode in the reader.

Barcode technology is used by banks, defence industry and governments.

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 the controller.

Built-in buzzer

The reader 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.

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

These levels can be set to operate according to a time schedule stored in the controller.



How to order

ACI 806	Barcode reader without keypad
ACI 807	Barcode reader with keypad
ACT 800	Aritech Barcode card
Accessories (see separate leaflet for more detailed information)	
ACA 000	Rain protection hood for outdoor applications of the reader
ACA 001	Request to exit button, surface mounted

Technical Data

	ACI 806	ACI 807
Supply voltage	12 V dc (from the controller)	12 V dc (from the controller)
Current consumption		
Indoor	55 mA	55 mA
Outdoor (heater active)	115 mA	115 mA
Cable	Reader - Controller Request to exit button - Controller Electric lock - Controller Door contact - Controller	4 wires, twisted pair, shielded 2 wires 4 wires 2 wires
Operating temperature	-25 to +70 °C	-25 to +70 °C
Programming	- Not via keypad - Via hand-held terminal connected to the controller - Via application software in Personal computer (Windows) - Via modem and software in Personal computer (Windows)	- Via keypad
Dimensions	86 x 68 x 31 mm	86 x 112 x 31 mm
Weight	220 g	445 g
Communication	Current loop 20 mA (with controller)	