ARITECH

ACI 900 Series Identification Devices   Wiegand readers

- **High security reader technology**
- **Robust design**
- **Tamper proof**
- **Reader to controller configuration**
- **For indoor or outdoor applications**
- **With built-in keypad**

The reader can be mounted beside the doors to be controlled. Anyone requesting access must swipe a wiegand 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 is equipped with a keypad.

Wiegand technology
The Wiegand technology provides high security in terms of:

- Friction free reading
- Cards that are virtually impossible to counterfeit

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.

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.

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.

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How to order

ACI 907	Wiegand reader with keypad
ACT 900	Aritech Wiegand coded 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 907	
Supply voltage	12 V dc (from the controller)	

Current consumption
  Indoor
  Outdoor (heater active)
	
	20 mA
	85 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	
Programming	- 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).	
Dimensions	96 x 96 x 38 mm	
Weight	500 g	
Communication	Current loop 20 mA (with controller)	

ACI 900