

# ATS1170

## Wiegand reader interface RAS (single door controller)

### Product Overview

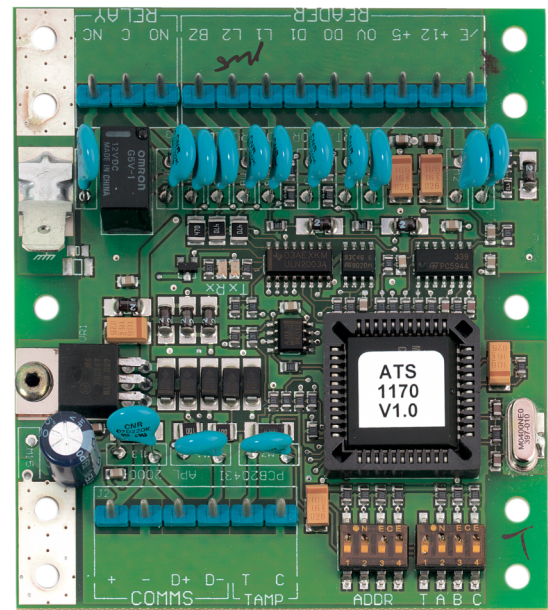
The ATS1170 is a Single Door Controller with a built-in interface for Wiegand readers.

The unit will be polled as a RAS on the RS485 data bus and therefore needs to be programmed as a Non LCD RAS. You can connect now ATS readers directly to the ATS bus, allowing them to be used as a RAS for arming/disarming.

For special applications the unit can operate in a limited off line mode with an external 12 VDC power supply. In this off line mode a database for 20 users is available. It can be used as a standard door controller. For access control applications a Request To Exit input and one relay for an electrical door lock are standard available on board.

### Installation

ATS1170 PCB can be mounted in any existing control panel housing which supports the size B board. Addressing : DIP switches 1 to 4 are used to identify the RAS number.



### Details

- Single Door Controller with offline database for 20 users
- Polled as a RAS on the RS485 data bus
- Provides connectivity to Wiegand readers
- Operational in stand-alone with an external 12 VDC power supply
- Request To Exit input on board
- 1 relay on board for electrical door lock
- Aux power O/P is 5 V, 100 mA max. for readers
- Max. number on panel bus - 15
- Specified cable: Aritech WCAT 52/54 or equivalent
- Compatible formats on control panels, Wiegand 26 bits, MagSwipe

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## Wiegand reader interface RAS (single door controller)

### Technical specifications

#### Technology

Reader type	Interface
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#### System

Max. reader distance to panel	1.5 km from control panel
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Addressing type	DIP Switches
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No. of covers included	No
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#### Interface & connections

Interface	ATS RS-485, Wiegand
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Connector type	Terminal Strip
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#### Inputs/outputs

Inputs	Request to exit
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Outputs	Aux relay - Form C, switches up to 1A @ 30 VDC
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#### Operation

PIN keypad	No
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#### Electrical

Operating voltage	10.5 to 13.8 VDC
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Current consumption	45 mA typical (no peripheral devices fitted)
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#### Physical

Physical dimensions	80 x 52 mm (W x H)
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Mounting Type	PCB mount
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#### Environmental

Operating temperature	0 to +50°C
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