

# ATS1251

## 4 Door Controller DGP (12V)

### Data Gathering Panels

Data Gathering Panels (DGP) are used to expand the number of alarm inputs on the system and allow inputs and relays to be connected at a location remote from the Advisor MASTER panel. DGPs communicate via poll & reply messages and send alarms to the control panel for processing. The DGPs collect information from detectors, door contacts and other similar devices. There are DGPs available for conventional devices, wireless devices as well as for intelligent addressable devices. This special DGP, also called 4-Door controller, is available for collecting the information for four doors.

### Product Overview

The ATS1251 4-Door controller is a versatile access control panel to extend the Advisor MASTER system with advanced access control functions. Real time alarm and access control on 4 doors, with power supply and housing. A total of twelve 4-Door controllers can be connected to an Advisor Master panel. To program the controllers a user interface with liquid crystal display must be included in the system.

### Extensive programming features

Can be used to program a sequence of unique events for a desired outcome (macro logic). For example when a user badges a card or selects a floor, lights in the area can be programmed to turn on or a macro can activate a light on a map at a security desk to indicate a floor has been accessed.

### Connectivity

A total of twelve 4-Door controllers can be connected to an Advisor Master panel. To program the controllers a user interface with liquid crystal display must be included in the system.

### Communications

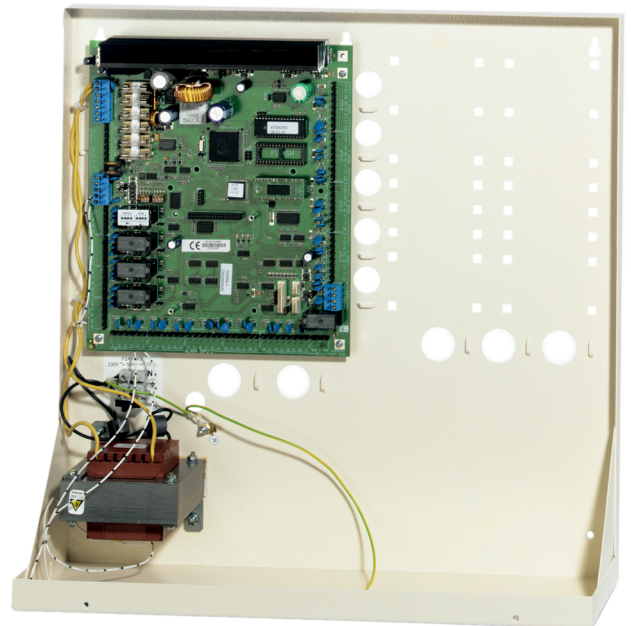
The controllers can be mounted up to 1.5 km from the Advisor Master panel, which will continuously check if the controller is still on line. 4-door controllers and the 4-lift controllers can operate off-line with no degradation in performances, should communication with the Advisor Master panel fail.

### Users

The 4-Door controllers and the Lift controllers are using the user information from the Advisor Master panel. The number of card users is 11466. 1000 users can be programmed with a PIN code and with a name.

### Access control procedures

Access control procedures like swiping a card or entering a PIN, can be programmed to function only within particular blocks of time or outside those times. For example, during a period deemed as a high



### Details

- Real time alarm & access control on 4 doors
- Full mirror database for offline condition
- Max 12 4-door controllers and 48 intelligent doors/panel
- Global anti-passback
- Region control
- User counter, interlocking, card + PIN
- 8 alarm inputs on board
- Local RS485 bus for up to 16 readers
- Wide range of third party readers supported
- 4 relays on board for lock strikes
- 52 programmable outputs
- 12V Lock power, 4A power supply

security risk, granting access may require a PIN and card to be presented at reader. At another time of low security risk, access to the same area may be gained with only the presentation of a card.

## **Door groups**

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The 4-Door controller is also using the door groups from the Advisor Master panel. Standard there are 128 door groups available.

## **Timezones and holidays**

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The controllers can use one or more of the 24 free programmable time zones and 24 holiday slots.

## **Inputs**

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The ATS1251 has eight 4-state monitored inputs on board. On the 4-door controller, by default 8 inputs are assigned to Request to Exit buttons and door contacts, but they can also be re-programmed as regular inputs.

## **Readers**

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The ATS 1251 supports many reader formats including magnetic swipe, PIN code, proximity and Wiegand.

# ATS1251

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### Technical specifications

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#### General

|                          |                                  |
|--------------------------|----------------------------------|
| Expander type            | Door controller                  |
| Product line             | Advisor Advanced, ATS Master     |
| Connection type          | Databus connection               |
| Max. distance from panel | 1.5 km                           |
| Max. per panel           | 12                               |
| Specified cable          | Aritech WCAT 52/54 or equivalent |

#### Inputs

|            |                 |
|------------|-----------------|
| Total      | 32              |
| Onboard    | 8               |
| Expandable | 24 (3x ATS1202) |

#### Outputs

|            |  |
|------------|--|
| Total      | 52   |
| Onboard    | 4  |
| Expandable | 48   |
| Relays     | 4 on-board (expandable to 52 with relay cards) |

#### System

|                      |  |
|----------------------|--|
| Users                | more than 1000                         |
| PIN codes            | 1000 dependant on panel memory options |
| Door groups          | 128                                    |
| Timezones / holidays | 24/24                                  |
| Addressing           | DIP Switches                           |

#### Backup

|                         |     |
|-------------------------|-----|
| Dynamic battery testing | Yes |
|-------------------------|-----|

#### Electrical

|                         |          |
|-------------------------|----------|
| Operating voltage       | 13.8 VDC |
| Power consumption       | 4000 mA  |
| Integrated power supply | Yes      |

#### Physical

|                     |                    |
|---------------------|--------------------|
| Physical dimensions | 480 x 464 x 160 mm |
|---------------------|--------------------|

#### Environmental

|                       |            |
|-----------------------|------------|
| Operating temperature | 0 to +50°C |
|-----------------------|------------|

#### Users

|  |  |
|--|--|
|  | 11466 cardholders (expandable to 65535 with IUM) |
|--|--|

#### Mains transformer

|  |                    |
|--|--------------------|
|  | 230 V 50 Hz/ 129VA |
|--|--------------------|

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