



ATS1253

ATS Intelligent 4-door Controller, 12V, Small Enclosure

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 ATS1253 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. The 4-door controller and the 4-lift controller can operate off-line with no degradation in performances, should communication with the Advisor Master panel fail.

Users

The 4-door controller and the 4-lift controller 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.



Standard Features

- 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

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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 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

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

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

Inputs

The ATS1253 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

The ATS 1253 supports many reader formats including magnetic swipe, PIN code, proximity and Wiegand.

Specifications

| | |
|--------------------------------|---|
| Power supply | 13.8 VDC / 4000 mA |
| Battery test | Dynamic battery testing |
| Max. distance from panel | 1.5 km |
| Specified cable | Aritech WCAT 52/54 or equivalent |
| Data bus monitoring | Continuous monitoring for off-line conditions of all devices on bus |
| Addressing | Individually addressed via DIP switches |
| Users | 11466 cardholders (expandable to 65535 with IUM) |
| PIN codes | 1000 dependant on panel memory options |
| Door groups | 128 |
| Time zones / Holidays | 24 / 24 |
| Zones | 8 (free programmable inputs) |
| Relays | 4 on-board (expandable to 52 with relay cards) |
| Operating temperature | 0 to +50°C |
| Mains transformer | 230 V 50 Hz / 129 VA |
| Housing dimensions (W x H x D) | 445 x 315 x 90 mm |

Ordering Information

| Part No. | Description |
|------------|---|
| ATS1253 | ATS Intelligent 4-door Controller, 12V, Small Enclosure |
| ATS1251 | ATS Intelligent 4-door Controller, 12V, Big Enclosure |
| ATS1252 | ATS Intelligent 4-door Controller, 24V, Big Enclosure |
| ATS1254 | ATS Intelligent 4-door Controller, 24V, Small Enclosure |
| ATS1250 | ATS Intelligent 4-door controller |
| ATS1251MBC | |
| ATS1160N | ATS Mifare DESFire & EV1 Reader with Output & RTE |
| ATS1161N | ATS Mifare DESFire & EV1 Reader with PIN, output & RTE |
| ATS1151 | ATS Aluminium Keypad |
| ATS1156 | ATS Aluminium Magstripe Card Reader With Keypad |
| ATS1170 | ATS Reader interface (Single door controller) |
| ATS1190X4 | ATS Smart Card Reader 4 pcs |
| ATS1190 | ATS Smart Card Reader |
| ATS1192X4 | ATS Heavy-duty Smart Card Reader 4 pcs |
| ATS1192 | ATS Heavy-duty Smart Card Reader |
| ATS1197 | ATS Smart Card Reader with keypad |
| ATS1471 | ATS keyfob |
| ATS1473 | ATS keyfob, blue |
| ATS1475 | ATS proximity card, packed by 10 pcs. |
| ATS1477 | ATS fibertag. |

