ATS1136

Advisor Advanced Secure Mifare keypad

Simplified user interface

The ATS1136 is the latest addition to the Advisor Advanced product family to provide a secure environment when using cards. Users can use cards instead or PIN codes or both to access functions of the control panel. The ATS1136 offers also easy end user operation: quick arm functionality, 2 levels of partset, programmable function keys.

Stylish design

The ATS1136 has a modern stylish design and has a clearly readable text on a large 2 x 16 characters LCD for displaying system programming, alarm and access control functions. The contrast and intensity of the display and key lights are adjustable via the keypad as well as the volume level and tone of the built-in buzzer. Four arrow keys will navigate the user easily through the programming and operational features and 4 additional fixed functions keys will complete this user-friendly interface next to the 3 programmable function keys A,B &C.

Built-in secure card reader

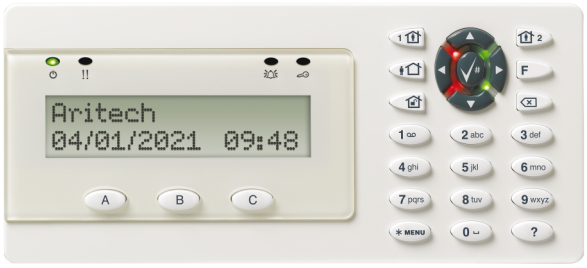
The ATS1136 has a built in Mifare Desfire EV1/EV2 card reader. In secure mode, card data is transferred securely from card to keypad and from keypad to Advisor Advanced control panel.
The ATS1136 can be used for arming/disarming using either the PIN or the card or a combination of the two for higher security needs. It is suitable for using the multiple card badging techniques that are available for the Advisor Advanced product family. A user can set the system in the evenings by badging his card three times within 10 seconds interval. Another application could be for doors which can be programmed so that badging once unlocks the door to allow people in and out without card, and badging three times re-locks the door.

LED Indication

Four status LED's will continuously update the user on mains condition, faults, access control and alarms.
There is a Green (Power LED), Yellow (Fault LED), Blue (Access LED) and Red (Alarm LED)
The keypad can display the status of an area or complete system via the status indication LED in between the navigation keys. When Green the area or system is disarmed, when Red the system is an armed or part armed state.

Mounting

The ATS1136 can be mounted by using the mounting points in the backplate which also provides easy cable entry to connect the panel to the removable bus connector.
A backplate (ATS1135BPL) is available which can be used to cover the dimensions of a legacy keypad when updating an installation to the Advisor Advanced system.



Details

- Stylish design
- Simplified end user operation
- Large 2 x 16 characters LCD
- User adjustable LCD, buzzer and key lights
- Built-in secure Mifare Desfire EV1/EV2 reader
- Supports Secure Mifare (secure mode) or Mifare 4 or 7 byte CSN/UID (Unsecure mode)
- Use secure ATS145x series cards or custom cards
- Supported as of Advisor Advanced version MR4.2
- 3 programmable function keys

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Technical specifications

General

User interface	2 x 16 Char LCD, Touch Buttons
Product line	Advisor Advanced
Status LEDs	2
Integrated reader	Secure MIFARE

System

Function keys	3
Supported card types	Mifare Classic 7 Byte UID, MIFARE® Classic UID, MIFARE® DESFire UID, MIFARE® DESFire® EV1, MIFARE® DESFire® EV2, MIFARE® DESFire® EV3
Addressing type	DIP Switches
Supported cable type	WCAT 52/54 or equivalent

Communication

Communication type	Wired
Reading distance	Up to 5 cm

Inputs / outputs

Inputs	1
Input type	Request to Exit
Outputs	1
Output type	Open collector, 15 V max. at 50 mA max.

Electrical

Operating voltage	8.5 to 14 VDC
Power supply type	12 VDC
Current consumption	30 mA normal operation 280 mA max.

Physical

Physical dimensions	200 x 90 x 24 mm
Net weight	350 g
Colour	White
Form factor	Horizontal
Mounting type	Surface mount

Environmental

Operating temperature	-10 to +55°C
Relative humidity	0 to 95% noncondensing
Environment	Indoor
IP rating	IP30

Regulatory

EN50131 Grade	Grade 3
Compliancy	CE, RoHS
Certification	VdS

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