ATS1000A-SM

Advanced Control panel, EN grade 2, 8 - 32 zones, 4 areas, small metal housing

Intrusion Alarm System

The Advisor Advanced product line is the latest offspring from the Advisor CD and Advisor Master product lines. Its heritage consists of well established functions and features of the Advisor series, but it also has been designed to meet the challenges posed by future trends.

Communication standards are currently changing. Communications are moving away from PSTN networks towards wireless and IP networks. So, importantly, this product line can accommodate different communication options thereby offering long-term flexibility, reliability and availability. The Advisor Advanced products can be configured locally through an onboard USB port.

Based on the Advisor CD user interface this allows for a rapid familiarity with the system yet new features are easy to learn. There are both quick and full menu browsing facilities available. A built-in "hint" key provides easily accessed help about the options so the user can quickly become familiar with the menu structure.

Approvals in Europe start to converge to one standard: EN50131. The new Advisor Advanced product line is designed with EN50131 compliancy as a standard.

Using existing ATS accessories (keypads, readers, expanders), Advisor Advanced panels provide for a reliable system with a wide range of options to extend its functionality. Automatic hardware enrollment quickly adds devices.

Advisor product line

The newly launched Advisor Advanced product range is a family of products that has evolved from the long-running and successful Advisor CD and Advisor Master ranges, which offered well-known and appreciated products. The Advisor Advanced range captures the strongest assets from both these ranges and brings them together into a new, future-proof platform that enables ease of use, flexibility and reliability. It allows growth today as well as tomorrow.

The range consists of different products such as the ATS1000A and ATS2000A in a variety of configurations, all with the same basic methods for interacting with users or capabilities.

Standard Features

- 8 onboard zone inputs
- Max 32 zones: wired, wireless or mixed
- Economic input and output plug-in expansion
- Up to 16 shock sensor inputs
- 4 areas
- Up to 50 users
- EN50131 Security grade 2 / Environmental class 2
- USB port for local configuration
- Automatic hardware enrollment
- Onboard PSTN dialler for reporting or configuration
- Optional voice module, GSM module, ISDN module
- Multilingual: each user his own language
- Different housings

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Specifications

Zones

Total zones	32
Max wired zones	32
Max wireless zones	32
Plug-in expansion zones	8

Areas

Max areas	4

Keypads/Readers

Min nbr of LCD keypads	1
Total keypads/readers	8

Users

Max nbr of users	50
Max nbr of user groups	16
Max nbr of cards	50
Max nbr of PIN codes	50

Power Supply

Mains power	230 VAC, 50 Hz/20 VAC, 31 VA
Main board current consumption	100 mA
Aux power output	12 VDC @ 1A
Max aux power current	840 mA (depends on backup power needs)

Fuses

Auto-reset	5
Glass break	1 (mains power)

Data bus

Type	RS485
Recommended cable	WCAT52/WCAT54 or equivalent

Environmental

Class	Class II, indoor
Operating temperature	-10 to +55°C
Relative humidity	95% non-condensing
IP rating	30

Dimensions

ATS1000A-SM	250 × 250 × 86 mm
ATS1000A-MM	315 × 388 × 85 mm

Ordering Information

Part No.	Description
ATS1000A-SM	Advisor Advanced ATS1000A control panel in small metal housing, EN grade 2, 8 - 32 zones, 4 areas, 1A PSU, multilingual. Wired or wireless (hybrid) using plug-in or remote DGP's. Max 8 keypads/readers and 7 DGP's. Different housings available
ATS1000A-MM	Advisor Advanced ATS1000A control panel in medium metal housing, EN grade 2, 8 - 32 zones, 4 areas, 1A PSU, multilingual. Wired or wireless (hybrid) using plug-in or remote DGP's. Max 8 keypads/readers and 7 DGP's. Different housings available
ATS2000A-MM	Advisor Advanced ATS2000A control panel in medium metal housing, EN grade 2, 8 - 64 zones, 8 areas, 2A PSU, multilingual. Wired or wireless (hybrid) using plug-in or remote DGP's. Max 8 keypads/readers and 7 DGP's. Different housings available
ATS608	8-way input expander, plug-in, Advisor Advanced
ATS626	16-way output expander, plug-in, Advisor Advanced
ATS1115A	Advisor Advanced 16 Area Keypad, 2×16 char. LCD with built-in card reader
ATS1210	ATS 8-zone DGP with Output Connector (ATS1644 plastic housing included)
ATS1234	ATS 32-Zones Advanced Wireless DGP on 868MHz
WCAT52	2 Pairs, FTP LAN Cable, Category 5 Enhanced, reels of 500 m
WCAT54	4 pairs, FTP LAN Cable Category 5 Enhanced, boxes of 305 m

Ease of use

The Advisor Advanced system is easy to use in all situations. The Advisor Advanced range offers easy menu access and menu browsing as well as quick-access to menu items for those already familiar with the menu structure. Hints are available at the press of a button to provide tips during configuration.

End-users will find it easy to use for every day-to-day functions like set and unset. Using clear and easy to understand techniques, users are guided through the functions they need to carry out, including exception functions such as isolating zones or inhibiting faults.

Wireless and wired support

The Advisor Advanced system is a full hybrid system. It allows for connection of any combination of wired and wireless devices. Each input can be assigned to a zone. A total of 32 zones can be setup. For example, the system could be set up to have 32 wired zones, 32 wireless zones or a combination such as 24 wireless zones + 8 wired zones and vice versa.

Inputs and outputs can be expanded by using Data Gathering Panels. However, it's also possible to expand the system by using an economic plug-in expansion that fits on top of the main control panel thus reducing the space required in a housing. Inputs can be used in a variety of ways, including combined tamper and alarm or combined tamper, alarm and anti-mask.

The Advisor Advanced system also allows for all inputs on the Main Control Panel and plug-in expansions to be shock sensor zones, reducing the need for external shock sensor analyzers. Two onboard high current outputs are supervised to detect any tampering of the siren.

Alarm reporting

An intrusion control system depends on alarm reporting to deliver any alarm or failure as quickly as possible. The Advisor Advanced system offers different methods to do so, varying from normal alarm reporting to Alarm Receiving Centers, as well as reporting to end-users through voice reporting. Different physical paths can be used: standard onboard PSTN but also GSM or ISDN.

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