ATS4500A-IP-LM

Advanced IP panel, EN grade 3, 8 - 512 zones, 64 areas, large metal

Intrusion Alarm System

Advisor Advanced is a full-blown security solution that is combining intrusion and access control together with state of the art connectivity solutions, satisfying a wide range of remote applications. The product family has 3 variants and depending on the variant supporting between 32 and 512 zones that can be programmed over 4 to 64 independent areas. Zones may be assigned to a specific area (offices, stores,..) or common to all (reception, ..). Each area may have its separate User Interface.

The new Advisor Advanced product line is designed to be fully compliant with EN50131,Security grade 2 or, when ATS-MM-TK added, Security grade3.

Advisor Advanced product line

Advisor Advanced productline is a family of several types of control panels (ATSx500A) that have the same software, menu structure and basic methods of interacting with users. Using existing ATS accessories, such as keypads, readers and expanders, it delivers a reliable system and a large range of options to extend the functionality of the system.

Ease of use

The Advisor Advanced system is designed for its "ease of use". The Advisor Advanced range offers easy menu access and menu browsing as well as quick-access to menu items. Hints are available to provide tips during configuration.The use of regular functions, such as set and unset, are designed to be intuitive to end-users.
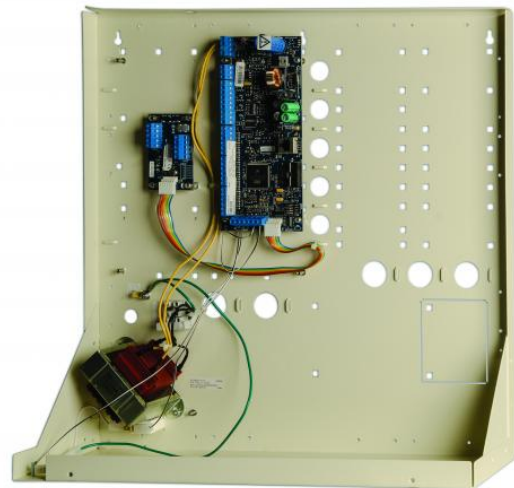
Wireless and Wired sensor support

The Advisor Advanced system is a full hybrid system. It allows for connection of any combination of wired and wireless sensors.

Communication

Advisor Advanced provides flexible communication options, such as wireless communications, with or without IP on board or optional PSTN. The ATSX500A-IP platform has an integrated 10/100mb ethernet connection supporting IP reporting to OH-NETREC receiver and U/D functionality to ATS85x0.

Remote FW upgrade

Firmware upgrades can be performed using USB stick without need of a pc or remotely, reducing drastically the number of required site visits and therefore costs. (as of FW MR3.0)

Standard Features

- 8 onboard zone inputs
- Max 512 zones: wired, wireless or mixed
- Economic input and output plug-in expansion
- Up to 16 shock sensor inputs
- 64 areas
- Up to 1000 users
- EN50131 Security grade 3
- USB port for local configuration
- Up to 32 keypads/Readers
- Up to 30 DGPs
- Second ATS LAN Data Bus included (ATS670)
- Multilingual: each user his own language
- Integrated 10/100Mb Ethernet connection
- IP Alarm reporting to OH-NETREC receiver / GPRS optional
- U/D over IP / GPRS
- IP Diagnostics
- Dynamic/Static IP address & DNS support
- Plug-on PSTN dialler for reporting or configuration
- Auto Arming - Schedules - Timed outputs
- Door Shunt functionality

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Remote & mobile applications

More and more alarm system users connect their system to a professional alarm monitoring system. Alarm monitoring companies typically monitor alarm systems on a 24/7 basis, and may also provide other services, such as performing health check and remote servicing. The Advisor Advanced ATS85xx remote service software is built to equip monitoring operators with the tools to service multiple events and panels, and to help them improve service levels for professional customers.
End users can benefit from the ATS8600 Management solution, which intergated intrusion, access, video and fire in 1 software package. On top of this the end user can cotrol their system via the mobile app supported for IOS and Android and receive push messages.

Integrated Access Control

All panels can control multiple doors and allow users to disarm alarm areas as access is granted. Advisor Advanced can be expanded with more thorough access control functionalities using the, complete backwards compatible door controller, ATS125x. This way 48 intelligent doors can be controlled through these optional 4-doorcontrollers, that are connected on the RS485 bus.

UltraSync cloud solution

As of FW version MR4.0 all ATSX500A panels are supporting the UltraSync cloud solution. Users can benefit from the UltraSync connectivity services in order to connect from mobile apps, ATS85xx configuration software without having to configure the home routet or having to know the public IP/DNS address of the panel.

Specifications

System

Product type	Intrusion
Panel type	Hybrid
No. of Keypads / Readers	32
Data Gathering Panels	31
No. of alarm groups	128
Specified cable	WCAT52 WCAT54

Inputs

Inputs onboard	8
Inputs plug-in expansion	8
Max no. of inputs	above 128

Outputs

No. of onboard Outputs	5
No. of outputs	512

Area

No. of areas	64

User/Cards

Maximum users	50
Users with name	50
Maximum cards	1000
Maximum PIN codes	200

Communication

Onboard Transmission Type	IP
Transmission Extension	GSM/GPRS
Databus Type	RS485

Event log

Alarm event log	1000
Access event log	1,000

Physical

Housing	Medium Metal
Physical dimensions	315 × 388 × 85 mm

Environmental

Environmental Class	Class II, indoor
Operating temperature	-10 to +55°C
Relative humidity	0.95
IP-rating	30
Class	Class II, indoor
Operating temperature	-10 to +55°C
Relative humidity	95% non-condensing
IP rating	30

Standards & regulation

Compliancy	CE
EN50131 Grade	Grade 3

Zones

Total zones	512
Max wired zones	512
Max wireless zones	512
Plug-in expansion zones	8

Areas

Max areas	64

Keypads/Readers

Min nbr of LCD keypads	1
Total keypads/readers	32

Users

Max nbr of users	1000
Max nbr of user groups	128
Max nbr of cards	1000
Max number of Standard doors	16
Max number of Intelligent doors	48
Max number of users	65K (when connected to ATS125x & ATS1832)
Supported as of FW version	MR 3.0

Power Supply

Mains power	230 VAC +10%, -15%, 50 Hz
Main board current consumption	150 mA
Maximum system current	2350 mA at 13.8 V
Max aux power current	1350 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
2 LAN connections	On board and via ATS670 LAN interface

Dimensions

ATS4500A-IP-LM	475 x 460 x 160 mm

Ordering Information

Part No.	Description
ATS4500A-IP-LM	Advanced IP panel, EN grade 3, 8 - 512 zones, 64 areas, large metal housing
ATS4500A-IP-MM	Advanced IP panel, EN grade 3, 8 - 512 zones, 64 areas, medium metal housing
ATS7700	PSTN Plug on

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