ATS4500A-IP-LM

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

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 configure for 4 to 64 independent areas. Zones may be assigned to a specific area (offices, stores,…) or common to all (entrance area, reception,...). Each area can have a separate User Interface.

The Advisor Advanced product line is designed and tested to be fully compliant to EN50131, Security grade 2 or grade 3 depending on the product and the housing variant.

Advisor Advanced product line

Advisor Advanced product line is a family of several types of control panels (ATSx500A series) 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 to provide “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 help 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

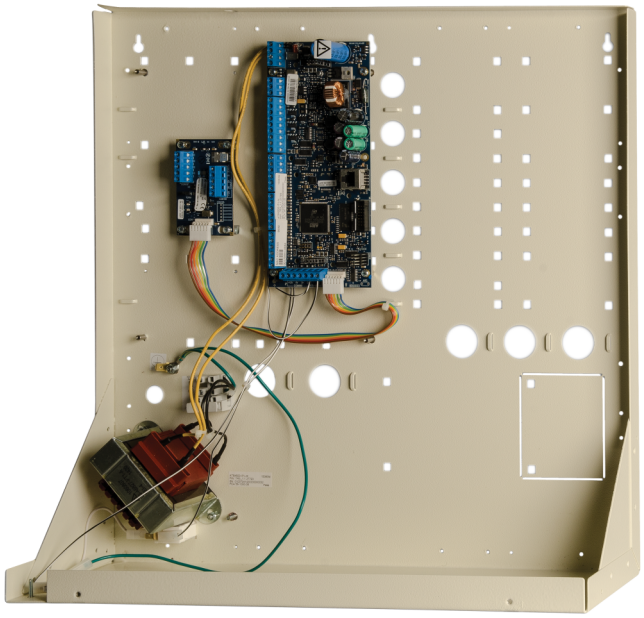
Advisor Advanced provides flexible communication options, such as wireless communications, with or without IP on board or optional GSM, GPRS, 3G or 4G and PSTN. The ATSx500A-IP platform has an integrated 10/100 Mb Ethernet connection supporting IP reporting to OH-NETREC receiver and U/D functionality to ATS85x0 downloaders. Connection to the UltraSync is provided through onboard IP or through ATS73xx range GPRS/3G/4G devices.

Remote FW upgrade

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

Remote & mobile solutions

Security systems are very often connected to Alarm monitoring centres



Details

- 8 onboard zone inputs
- Max 512 zones: wired, wireless or mixed
- Economic input and output plug-in expansion
- Up to 16 shock sensor inputs
- Standard access control without additional door controllers
- Full Access control using CDC4 Door & Lift controllers
- EN50131 Security grade 3
- Second ATS LAN Data Bus included (ATS670)
- Multilingual, own language for each user
- Full diagnostics, local or remote
- Auto Arming - Schedules - Timed Outputs
- Integrated 10/100 Mb Ethernet connection
- IP Alarm reporting to OH-NETREC receiver - Optional GPRS/3G/4G
- Live and scheduled Panel Health Check through UltraSync for registered systems
- USB port for local configuration
- Plug-on PSTN dialler for reporting or configuration

that 24 hours per day monitor for alarms and initiate response to events requiring this. These 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 Advisor Management solution, that integrates intrusion, access, video and fire in one single software package.

End users can also monitor and control their system via the mobile app supported for IOS and Android and receive push messages. Alarms are received when they occur, event logs can be reviewed, and action can be taken.

Integrated Access Control

All Advisor Advanced panels provide integrated access can control where end-user can be grouped. Each group has a separate definition for doors accessible as well as when access is allowed. Being a truly integrated system, additionally users can disarm areas when access to a door is granted.
Advisor Advanced can be expanded with more advanced access control functionalities like anti-passback or lift control using the CDC4 four to eight door and lift controller. This way up to 96 intelligent doors can be controlled. The door controllers are designed to continue full operation when the network to the computer or Advisor Advanced may be interrupted.

UltraSync Cloud Solution

Advisor Advanced starting from firmware version MR4.0 supports the UltraSync cloud solution. End-users can benefit from the UltraSync connectivity services by connecting mobile apps that provide alarm monitoring and control of their alarm system. Installers can benefit from this too. All their Advisor Advanced panels connected to UltraSync they can quickly connect to from any location for configuration and diagnostics using ATS85xx downloaders. UltraSync does not require configuration of home routers, knowledge of IP addresses and does not require DDNS services.
For alarm reporting to Alarm Receiving Centers, UltraSync provides a reliable method to deliver any event.

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Technical specifications

System

Product line	Advisor Advanced
Product type	Integrierte Zugangskontrolle
Panel type	Hybrid
Kit	No
No. of keypads / readers	32
Data Gathering Panels (DGP)	30
No. of alarm groups	128
Specified cable	WCAT52 / WCAT54 or equivalent

Inputs

Max no. of inputs	512
Onboard inputs	8
Inputs plug-in expansion	8

Outputs

No. of outputs	128
No. of onboard outputs	5

Area

No. of areas	64

User/Cards

Max. no. of users	more than 2000
Users with name	1000
Max. no. of cards	2000 to 65532
Max. no. of PIN codes	2000 to 65532

Access control

Standard doors on control panel	16
Door groups	128
Floor groups	128
Intelligent doors on 4-door DGPs	48

Communication

Onboard transmission type	IP
Transmission extension	GSM, GSM/GPRS, GSM/GPRS/IP, PSTN
Databus type	RS485

Event log

Alarm event log	14500
Access event log	10000

Electrical

Power supply type	230 VAC
Power supply value	230 VAC +10%, -15%, 50/60 Hz
Mainboard current consumption	150 mA
Max system current	2500 mA
Max aux power current	1600 mA
Auto-reset fuses	5
Glass break fuses	1 (mains power)

Physical

Physical dimensions	475 x 460 x 160 mm
Material	Stahl (lackiert)
Housing	Großes Metall

Environmental

Operating temperature	-10 to +55°C
Relative humidity	95% noncondensing
Environmental Class	Class II, indoor
IP rating	IP30

Regulatory

EN50131 Grade	Grad 3
Compliancy	CE
Certification	CE

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