# ATS3500AV-IP-LM

**Advisor Advanced IP panel, VdS C, 8 - 128 zones, 8 areas, large metal housing, multi-lingual**

## 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 VdS, Class C.

## Advisor Advanced product line

Advisor Advanced product line 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

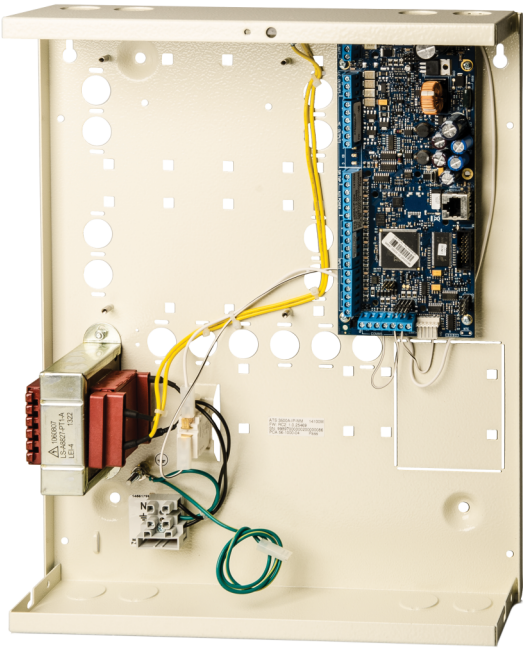
Advisor Advanced provides flexible communication options, such as wireless communications, with or without IP on board or optional PSTN. The ATSX500A-IP platform has an integrated 10/100mb Ethernet connection supporting IP reporting to OH-NETREC receiver and VdS receivers using TDA74xx range of devices 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)

## 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



## Details

- 8 onboard zone inputs
- Max 128 zones: wired, wireless or mixed
- Economic input and output plug-in expansion
- Up to 16 shock sensor inputs
- 8 areas
- Up to 200 users (65532 with Intelligent Access Control)
- Support for Blockschloss
- USB port for local configuration
- Plug-on PSTN dialler for reporting or configuration
- Multilingual: language configurable per user
- Integrated 10/100Mb Ethernet connection
- IP alarm reporting to VdS 2465 compatible receivers and OH-NETREC receivers - Optional GPRS
- Integrated access control & support for ATS125x doorcontroller
- Support for VdS protocol
- VdS approval number G G120035

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.

## 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 router or having to know the public IP/DNS address of the panel.

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## Technical specifications

### System

| | |
|---|---|
| Product line | Advisor Advanced |
| Product type | Integrated Access Control |
| Panel type | Hybrid |
| Kit | No |
| No. of keypads / readers | 16 |
| Data Gathering Panels (DGP) | 15 |
| No. of alarm groups | 64 |
| Specified cable | WCAT52 / WCAT54 or equivalent |

### Inputs

| | |
|---|---|
| Max no. of inputs | 128 |
| Onboard inputs | 8 |
| Inputs plug-in expansion | 8 |

### Outputs

| | |
|---|---|
| No. of outputs | 128 |
| No. of onboard outputs | 5 |

### Area

| | |
|---|---|
| No. of areas | 8 |

### 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 | 8 |
| Door groups | 128 |

### 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 | 1950 mA at 13.8 V ±0.2 V |
| Max aux power current | 450 mA (depends on backup power needs) |
| Auto-reset fuses | 5 |
| Glass break fuses | 1 (mains power) |

### Physical

| | |
|---|---|
| Physical dimensions | 475 x 460 x 160 mm |
| Material | Steel (painted) |
| Housing | Medium metal |

### Environmental

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

### Regulatory

| | |
|---|---|
| Compliancy | CE |
| Certification | VdS |

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