Product data sheet

ATS4500A-IP-LM

Advanced IP panel, EN grade 3, 8 - 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 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

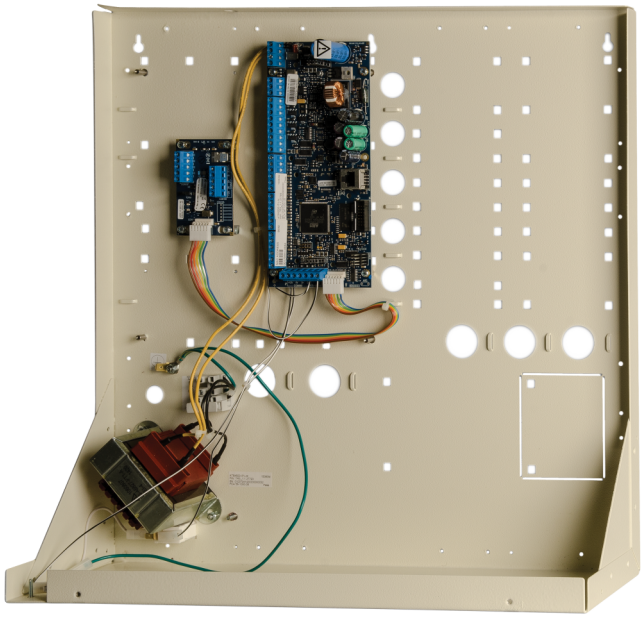
Advisor Advanced provides flexible communication options, such as wireless communications, with or without IP on board or optional PSTN. The ATSX500A-IP platform has an integrated 10/100mb ethernet connection supporting IP reporting to OH-NETREC receiver and U/D functionality to ATS85x0.

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)

Remote & mobile applications

More and more alarm system users connect their system to a



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
- 64 areas
- Up to 2000 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

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.

ATS4500A-IP-LM

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

Technical specifications

System

Product type	Integrated Access Control
Panel type	Hybrid
No. of keypads / readers	32
Data Gathering Panels (DGP)	31
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

Users with name	2000
Max. no. of cards	2000
Max. no. of PIN codes	2000

Access control

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

Communication

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

Event log

Alarm event log	10000
Access event log	10000

Electrical

Power supply type	230 VAC
Power supply value	230 VAC +10%, −15%, 50 Hz
Power consumption	150 mA
Mainboard current consumption	150 mA
Max system current	2350 mA at 13.8 V
Max aux power current	1350 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 (W x H x D)
Housing	Large Metal

Environmental

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

Standards & regulation

EN50131 Grade	Grade 3
Compliancy	CE

As a company of innovation, UTC Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit UTC Fire & Security online or contact your sales representative.

Last updated on 15 June 2020 - 15:57