ATS2000A-MM-NK-IE

Kit ATS2000A-MM including ATS1115A keypad and ATS608 8 zone plug-in input expander

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 products

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.
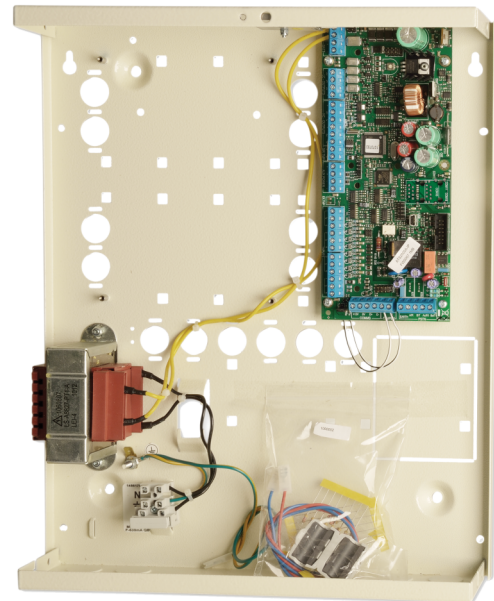
Ease of use

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

Details

- 8 onboard zone inputs
- Max 64 zones: wired, wireless or mixed - 8 Areas
- Economic input and output plug-in expansion
- Up to 16 shock sensor inputs
- Simplified start up wizard
- Up to 50 users - Door Control - 2 level Partset
- 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/GPRS module, ISDN module
- Optional: SMS reporting and command & control
- Multilingual: each user his own language
- ATS1235 support
- Auto Arming - Schedules - Timed Outputs

connection of any combination of wired and wireless devices. Each input can be assigned to a zone. A total of 64 zones can be setup. For example, the system could be set up to have 64 wired zones, 64 wireless zones or a combination such as 48 wireless zones + 16 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. Via the ATS7310 GSM module the ATS Advanced supports analogue voice reporting and SMS reporting to any mobile device.

Command & Control

ATS Advanced supports Command & Control from a mobile phone via SMS or via the Titan configuration software running on a PC. A full set of SMS commands can be used to remotely interact with the ATS Advanced via a mobile phone: check system status, disarm the panel or trigger an output and many more other functions. Besides the SMS interactivity for end users the ATS Advanced provides a real time system overview to installers to perform remote maintenance & control functions, all in 1 screen.

Modular RS-485 data bus

The Advisor Advanced range uses a RS-485 data bus connecting remote devices like Remote Arming Stations (RAS) or expanders / Data Gathering Panels (DGP) to the main control panel. Devices supported are from the Advisor MASTER range as these have proven reliability and allow for up to 1.5 km of wiring. Up to 8 RAS's and 7 DGP's can be connected to expand keypads and readers, inputs and outputs.

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Technical specifications

System

Product line	Advisor Advanced
Product type	Intrusion
Panel type	Hybrid
Kit	Yes
No. of keypads / readers	8
Data Gathering Panels (DGP)	7
No. of alarm groups	16
Specified cable	WCAT52 WCAT54

Inputs

Max. no. of inputs	64
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	50
Users with name	50
Max. no. of cards	50
Max. no. of PIN codes	50

Communication

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

Electrical

Power supply type	230 VAC
Power supply value	230 VAC +10%, −15%, 50 Hz
Mainboard current consumption	100 mA
Max. system current	2000 mA at 13.8 V ±0.2 V
Max. aux power current	1400 mA
Auto-reset fuses	5
Glass break fuses	1

Physical

Housing	Medium metal

Environmental

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

Regulatory

EN50131 Grade	Grade 2
Compliancy	CE