



# ATS3021

## 8 - 128 zone integrated security panel / Portugal

### Intruder Alarm System

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The Advisor MASTER is a full-blown intruder alarm system with more than 70 different input types. A maximum of 64 zones (inputs) can be programmed to operate over 4 independent alarm systems (areas). Zones may be assigned to a specific area (offices, stores, etc.) or common to all (reception, canteen, etc.). Each area may have its separate RAS.

### Integrated Access Control

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All the ATS panels can control 16 doors and allow users to disarm alarm areas as access is granted. All panels also feature the exclusive "3 times badging" to arm. A further 48 "intelligent" doors can be controlled through optional 4-Door Controllers connected on the RS485 data bus.

### Complete Family

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The Advisor MASTER is a family of 4 control panels that all share the same software, accessories & manuals and only differ by the database & enclosure sizes.

### Modular RS485 data bus

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The Advisor MASTER communicates with up to 16 RAS's & 15 DGP's using the RS485 data bus. All remote devices on the bus are continuously polled to ensure correct operation and can be connected in star or loop configuration using the optional ATS1740 or ATS1742 interfaces.

### Alarm Reporting

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The ATS panels are capable of reporting alarms and specified events using a variety of formats (SIA, XSIA, CID, 200 Bd FSK or voice messaging) via either the build-in PSTN dialer or via the optional ISDN-B channel adapter. The ISDN-D is available in the BENELUX for X-25 D-channel reporting via ISDN. In conjunction with the ATS1801 and ATS1806 a TCP/IP reporting connection can be established for the Osborn and Hoffmann receiver. Up to 4 central stations with 2 phone numbers per CS give 8 possible reporting connections.

### PLC Flexibility

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The Advisor MASTER offers a total of flexibility in programming up to 255 outputs through 24 macro logic equations.

### Analogue Inputs

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All the inputs of the ATS panels are analogue inputs, which enables the measurement of input loops resistance (in Ohms or Voltages) for diagnostic purposes. The inputs can be 2 or 4 state monitored with EOL resistors of 2k2, 4k7 or 10k Ohms. All the control panels are TITAN Diagnostic<sub>z</sub> enhanced and can be measure the voltage and current supplied to all the devices on the RS485 data bus.

### European Software

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### Details

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- Integrated alarm & access control system for up to 64 zones, 8 areas & 64 doors
- Modular RS485 data bus with continuous polling of up to 16 RAS and 15 DGP
- PLC with 24 macro logic equations
- 255 freely programmable outputs
- Built-in PSTN dialer
- 2 or 4 state monitored analogue inputs
- Programming, monitoring and service by PC either directly on site or from a remote location
- European software
- Switched mode power supply
- Steel enclosures

The ATS control panels have the same software across Europe with different country default setting. This allows international customers to streamline their security equipment and promote common security procedures throughout their European operations.

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### Technical specifications

#### Inputs

Max no. of inputs 128

#### Outputs

No. of onboard outputs 12

#### Area

No. of areas 8

#### Communication

Onboard transmission type PSTN

Transmission extension GSM/GPRS/IP

#### System split (areas)

8

#### Inputs on board

8

#### Max. inputs in database

64

#### ATS1202 at panel end / Number

Yes / 3

#### Outputs on board

Ext. siren / Int. siren

strobe/1 programmable relay

#### Max. number of OC outputs (on unit)

255

#### Remote Arming Stations

16

#### Data gathering panels

15

#### Alarm groups

74 - 138\*

#### Standard doors on control panel

16

#### Intelligent doors on 4-door controllers

48

#### Door groups

10 - 128\*

#### Floor groups

10 - 64\*

#### Users (cardholders)

50 - 11466\*

#### Users with name

50 - 200\*

#### 4 to 10 digit pin codes

50 - 1000\*

#### Alarm events in the log

250 - 1000\*

#### Access events in the log

10 - 1000\*

#### Specified cable

WCAT 52/54 or equivalent

#### Power supply

13.8 VDC / 2 A

#### Operating temperature

0° to +50°C

#### Mains transformer

230 V 50 Hz/23 VAC 56 VA

#### Housing dimensions (W x H x D)

315 x 388 x 85 mm

(\*) with ATS 1830 RAM memory expansion

Only for the ATS3000/4000 models

