Product data sheet

United Technologies
Climate | Controls | Security

ATS2099

8 - 64 zone integrated security panel / Int.(English)

Intruder Alarm System

The Advisor MASTER is a full-blown intruder alarm system with more than 79 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

All the ATS panels can control 16 up to 64 doors and allow users to disarm alarm areas as access is granted. All panels also feature the exclusive "3 times badging" to arm.

Complete Family

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 RS-485 data bus

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

The ATS panels are capable of reporting alarms and specified events using a variety of formats (SIA, XSIA, CID or voice messaging) via either the build-in PSTN dialer. In conjunction with the ATS1801 and ATS1809 a TCP/IP reporting connection can be established for the Interlogix network receiver. Up to 4 central stations with 2 phone numbers per CS give 8 possible reporting connections.

PLC flexibility

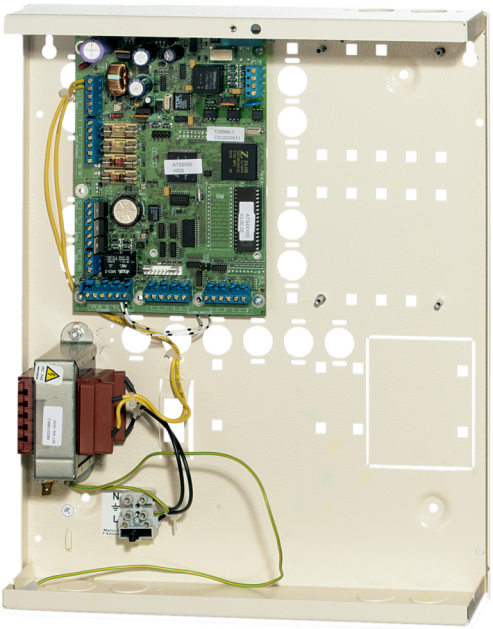
The Advisor MASTER offers a total of flexibility in programming up to 255 outputs through 24 macro logic equations.

Analogue Inputs

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 can measure the voltage and current supplied to all the devices on the RS485 data bus and report back to the operator using TITAN Diagnostic.

European Software

The ATS control panels have the same software across Europe with different country default setting. This allows international customers to



Details

- Integrated alarm & access control system for up to 64 zones, 4 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 and servicing by PC either directly on site or from a remote location
- European software
- Switched mode power supply
- Steel enclosures
- DD243-2004 compliant

streamline their security equipment and promote common security procedures throughout their European operations.

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Technical specifications

System

Product type	Integrated Access Control
Panel type	Hybrid
No. of keypads / readers	16
Data Gathering Panels (DGP)	15
No. of alarm groups	138
Specified cable	WCAT52 WCAT54 Or equivalent

Inputs

Max no. of inputs	64
Onboard inputs	8
ATS1202 support	3

Outputs

No. of outputs	255
No. of onboard outputs	12

Area

No. of areas	4

User/Cards

Max. no. of users	more than 1000
Users with name	200
Max. no. of cards	11466
10-digit PIN codes	2000

Access control

Standard doors on control panel	16
Door groups	128
Floor groups	64
Intelligent doors on 4-door DGPs	48

Communication

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

Event log

Alarm event log	250-1000
Access event log	10-1000

Electrical

Operating voltage	13.8VDC
Power supply type	230 VAC
Power supply value	230 V 50 Hz/23 VAC 56 VA
Mainboard current consumption	210 mA @13.8VDC
Max system current	2A
Max aux power current	2A
Glass break fuses	5

Physical

Physical dimensions	315 x 388 x 85 mm (W x H x D)
Net weight	5.0 kg
Shipping weight	5.3 kg
Colour	Beige
Material	Metal
Housing	Medium Metal

Environmental

Vandal proof	No
Operating temperature	0 to +50ºC
Relative humidity	95% (non-condensing)
Environmental Class	Class II, indoor
IP rating	30

Standards & regulation

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.

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