

ATS1210

8-zone DGP with Output Connector (ATS1644 plastic housing inclu.)

Data Gathering Panels including power supply

Data Gathering Panels (DGP) are used to expand the number of alarm inputs on the system and allow inputs and relays to be connected at a location remote from the Advisor MASTER panel. DGP.s communicate via poll & reply messages and send alarms to the control panel for processing. The most extensive model is the ATS1201 which includes a power supply, 8 inputs, 8 Open Collectors (OC) outputs and a siren driver, however this is expandable to a total of 32 inputs and 16 outputs.

Data Gathering Panels without power supply

The ATS1210/11/20 are 4 or 8 input DGP's without power supply and need to be powered by the ATS bus.

General characteristics

Should a failure in communications occur, the Data Gathering Panel remembers the last alarm in a system, helping to identify possible reasons for faults.

Up to 15 Data Gathering Panels can be connected directly to the Advisor Master panel at a maximum distance of 1,5km. For every Data Gathering Panel expanded to more than 16 inputs, the total number of Data Gathering Panels in a system reduces by one. If a system has all its Data Gathering Panels fully expanded to 32 inputs, the physical number of Data Gathering Panels in a system becomes 8.

Input Expanders

Input expanders are devices for expanding the input capacity of an Advisor MASTER panel or a DGP.

Depending on the basic capacity of the panel (ATS2000/3000 or ATS4000) 3 or 2 x ATS1202 input expanders can be used.



Standard Features

- **8 inputs on board**
- **8 OC outputs on board**
- **Plastic enclosure with opening tamper sensors**

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Specifications

Power supply	10.5 - 13.8 VDC
	Powered by the panel bus
Current consumption	53 mA
Inputs	8
Siren output	No
OC outputs on board	8
Max. number of outputs	16
Dynamic battery testing	Not applicable
Max. distance from panel	1.5 km
Max. number per panel	15
Specified cable	WCAT 52/54 or equivalent
Data bus monitoring	Yes
Addressing	Individually, by DIP switches
PCB dimensions	90 x 80 mm
Housing dimensions (W x H x D)	124 x 87 x 34 mm
Mains transformer	Not applicable
Operating temperature	0° to +50°C

Ordering Information

Part No.	Description
ATS1210	8-zone DGP with Output Connector (ATS1644 plastic housing included)
ATS1810	4-way relay card
ATS1811	8-way clocked relay card
ATS1820	16-way clocked open collector card



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