ATS1238

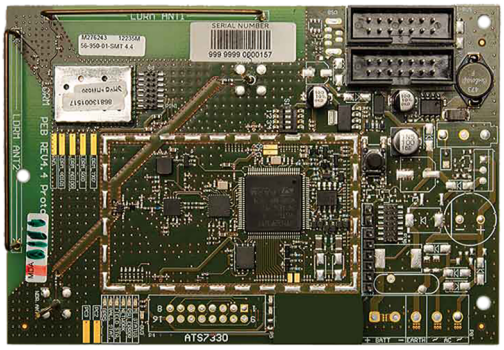
32 zones Gen2 868AM and PIRcam wireless receiver DGP

Product overview

The ATS1238 Advanced Wireless receiver expands the Advisor Advanced and Axon panels input capability by up to 32 zones using wireless PIRCam and 868 MHz Gen2 Wireless Sensors: i.e. PIR, Door contact etc. The ATS1238 is typically installed inside the large poly housing and connected to the MI bus interface of the Advisor Advanced and Axon panel. The ATS7072 is used with the ATS1238 to install up to 100 m away from the panel.

The ATS1238 features spatial diversity to minimize wireless dead spots and has a nominal open-air receiving range of 400 m. If dead spots need to be eliminated, a 868 MHz repeater may be used for the 868 Gen2 devices only.

The ATS1238 is EN50131 grade 2 and INCERT approved.



Functionality

Expanders provide information from remote locations to Advisor Advanced and Axon control panels in structured records. Data collected ranges from a wired input state to wireless or addressable device dates to a door state.
Bus devices communicate with the control panel. If a failure in communication occurs, the expander remembers the last alarm in a system, preventing loss of an alarm due to a short interruption in data communication.

Up to 30 expanders can be connected to an Axon or an Advisor Advanced panel, depending on the variant.

Fob buttons may be programmed for users to arm and disarm or to control relays, for example, to remotely open and close a garage door as well as arm or disarm an office security system.

PIR Cameras can be used to take pictures from any event in the system which can be reported to a monitoring station or end user's phone for means of verification.

Details

- Expands the Advisor Advanced and Axon panel with 32 wireless zones, including PIR Cameras
- Supports a maximum of 8 wireless PIR Cameras
- Quick configuration using the Aritech "Learn Mode" technology
- Fits in the Large Poly housing
- Features spatial diversity to minimize wireless signal nulls or dead spots and has a nominal open-air receiving range of 400 m
- Use the Aritech 868 MHz repeater to improve range
- Powered from MI bus interface of the Advisor Advanced or separate power supply when using ATS7072 to extend the distance
- Up to 16 Fob buttons may be programmed for users to arm and disarm or to control relays
- Remote installation (outside panel housing) requires ATS7072 kit

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Technical specifications

General

Expander type	Wireless expander
Product line	Advisor Advanced, Axon
Connection type	Databus connection
Compatibility	868 MHz Gen2 sensors, PIRcam, Advisor Advanced FW v022.022.0110 or later, Axon MR1.0 or higher
Max. distance from panel	MI bus interface, max 40 cm flat cable or 100 m using ATS7072
Max. per panel	1
Specified cable	WCAT52 / WCAT54 or equivalent

System

Addressing	DIP Switches

Inputs

Total	32
No. of wireless zones	32 max. (8 wireless PIRcam, 16 wireless keyfobs)

Wireless

Operating frequency	2.4 GHz, 868 MHz AM
Wireless open-air range	400 m

Electrical

Operating voltage	9.5 to 14.4 VDC
Power supply type	12 VDC
Current consumption	47 mA typical 52 mA max.
Integrated power supply	No

Physical

Physical dimensions	165 x 115 x 40 mm
Net weight	350 g

Environmental

Operating temperature	-10 to +55°C
Relative humidity	95% noncondensing
Environment	EN50130-5 ; Class II - Indoor (general)

Regulatory

Compliancy	CE
Certification	CE, EN50131 Grade 2, INCERT

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