ATS1236

32 zones 433Mhz wireless receiver DGP

Increasing zone capacity

The ATS1236 wireless receiver adds wireless capabilities to the Advisor Advanced range of panels.

The wireless DGP supports most of the legacy 433 MHz 63-bit transmitters as well as the new generation of 433 MHz LoNa transmitters of which the wireless communication is fully encrypted, avoiding unauthorized interference. Up to 32 wireless sensors and up to 16 keyfobs can be learned in.

The ATS1236 wireless receiver provides two wired zone inputs and one programmable relay output.

Installation and programming

The wireless DGP needs to be installed outside the panel housing in order to assure a maximum wireless range. The 433MHz wireless solution will monitor the status and presence of each wireless device and will respond in case of an RF jamming condition.

The ATS1236 wireless receiver can be programmed from the keypad as well as from the downloader. The firmware of the module is remotely upgradeable.



Details

- Adds wireless capabilities to Advisor Advanced
- Two wired zone inputs
- One programmable SPDT Form C relay output
- Supports legacy 63-bit 433 MHz and new LoNa 433 MHz transmitters
- Learn-mode technology
- Removable terminals
- EN50131-1/EN50131-3/EN50131-6 Grade 2 Class II (pending) INCERT (pending)
- Firmware upgradeable

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Technical specifications

General

Expander type	Wireless expander
Product line	Advisor Advanced, Axon
Connection type	Databus connection
Compatibility	Advisor Advanced MR 4.2 or higher
Max. distance from panel	1.5 km
Max. per panel	15 on one panel bus
Specified cable	WCAT52 / WCAT54 or equivalent

System

Addressing	DIP Switches

Inputs

Total	32
No. of wireless zones	32 wireless sensors + 16 keyfobs
Onboard	2 wired

Outputs

Total	1
Onboard	1
Type uitgangen	SPDT Form C relay

Wireless

Operating frequency	433 MHz legacy, 433 MHz LoNa

Electrical

Operating voltage	12Vdc via bus
Current consumption	typical : 47 mA maximum : 51 mA
Integrated power supply	No

Physical

Physical dimensions	155 x 95 x 26 mm
Net weight	0.160 kg
Colour	White
Material	ABS plastic

Environmental

Operating temperature	-10°C to 55°C
Relative humidity	90% relative humidity non-condensing
Environment	EN50130-5 ; Class II - Indoor (general)

Regulatory

Compliancy	CE
Certification	CE, EN50131 Grade 2, INCERT
Standards	EN50131 Grade 2 & INCERT pending

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