# 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<br>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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