



## Product data sheet

# ATS1238

## Wireless DGP supporting 868Gen2 sensors and PIRCam

### Product overview

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The ATS1238 Advanced Wireless receiver expands the Advisor Advanced 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 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

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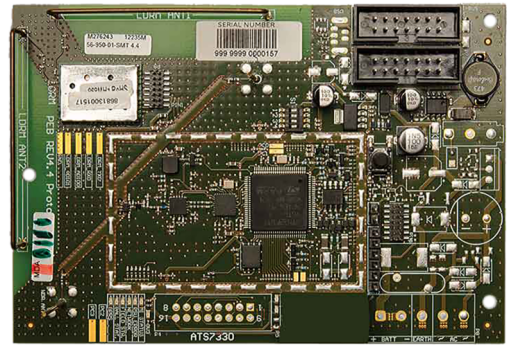
Expanders provide information from remote locations to Advisor Advanced control panels in structured records. Data collected ranges from a wired input state to wireless or addressable device dates to a door state.

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 15 or 30 expanders can be connected to an Advisor Advanced 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

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- Expands the Advisor Advanced panel with 32 wireless zones, including PIR Cameras
- Uses the Carrier Security "Learn Mode" 868MHz Wireless Transmitter Sensors
- Installed into the Large Poly housing
- Features spatial diversity to minimize wireless signal nulls or dead spots and has a nominal open-air receiving range of 460m
- If dead spots need to be eliminated a Carrier Fire & Security 868MHz repeater may be used for 868Gen2 sensors
- Powered from MI bus interface of the Advisor Advanced
- Up to 16 Fob buttons may be programmed for users to arm and disarm or to control relays

# ATS1238

## Wireless DGP supporting 868Gen2 sensors and PIRCam

### Technische specificaties

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#### General

Expander type	Wireless expander
Product line	Advisor Advanced
Connection type	Databus connection
Compatibility	868 MHz Gen2 sensors, PIRcam, Advisor Advanced FW v022.022.0110 or later
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
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#### 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
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)

#### Standards & regulation

Compliance	CE
Certification	CE, EN50131 Grade 2, INCERT



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