



ATS1238

32 zones Gen2 868AM and PirCAM wireless receiver DGP

Product Overview

The ATS1238 Advanced Wireless Data Gathering Panel (DGP) receiver expands the Advisor Advanced panels input capability by up to 32 zones using Carrier Security wireless PIRCam and 868MHz Gen 2 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 ATS1238 features spatial diversity to minimize wireless signal nulls or dead spots and has a nominal open-air receiving range of 400m. If dead spots need to be eliminated, a 868MHz repeater may be used for the 868Gen2 devices only.

Data Gathering Panels

Data Gathering Panels (DGP's) 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 Advanced. DGP's communicate via poll & reply messages and send alarms to the control panel for processing. The DGP's collect information from detectors, door contacts and other similar devices. There are DGP's available for conventional devices, wireless devices as well as for intelligent addressable devices. A special DGP is also available for collecting the information from either four door or lift controllers.

Functionality

The ATS1238 Wireless Data Gathering Panel (DGP) receiver expands the Advisor Advanced panels input capability by up to 32 zones using Carrier F&S "Learn Mode" 868MHz Wireless Transmitters and PIR Cameras.

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.

EN50131

The ATS1238 meets prEN50131 Grade 2 specifications for wireless systems like Detector supervision and local and remote attenuation of - 6dB for commissioning and maintenance.



Details

- Expands the Advisor Advanced panel with 32 wireless zones, including PIR Cameras
- Supports a maximum of 8 wireless 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 400m
- 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
- 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	868MHz Gen2 sensors, Advisor Advanced FW v022.022.0110 or later
Max. distance from panel	MI bus interface, max 40 cm flat cable
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 to 15 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

Compliance	CE
Certification	CE, EN50131 Grade 2, INCERT