

ATS1238

Wireless DGP supporting 868Gen2 sensors and PIRCam

Product Overview

The ATS1238 Advanced Wireless Data Gathering Panel (DGP) receiver expands the Advisor Advanced panels input capability by up to 32 zones using UTC 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

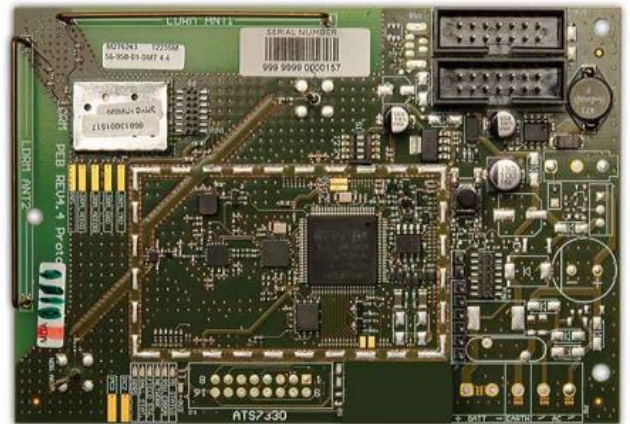
Data Gathering Panels (DGP's) are used to expand the number of alarm inputs on the system and allow inputs and relays to be connected at a location remote from the Advisor Advanced. DGP's communicate via poll & reply messages and send alarms to the control panel for processing. The DGP's collect information 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 UTC 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.



Standard Features

- Expands the Advisor Advanced panel with 32 wireless zones, including PIR Cameras
- Supports a maximum of 8 wireless PIR Cameras
- Uses the UTC 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 UTC 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

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Specifications

General	
Expander type	Wireless expander
Product Line	Advisor Advanced
Connection type	Databus connection
Electrical	
Integrated power supply	No
Environmental	
Operating temperature	0 to 60 °C
Compatibility	
	Advisor Advanced panel version 119 or later
	Large Poly housing
	UTC F&S 868 MHz Gen 2
	PIR Camera
Number of Wireless Zones	
	Maximum 32 in total including maximum 8 PIR Cameras
Power required	
	12 VDC nominal (13.8 V Max) 80 mA maximum
Panel Data bus connection	
	MI bus interface, max 40 cm flat cable
	2-pair twisted, shielded data cable.
Storage Temperature	
	-33° to 60° C (-30° to 140° F)
Operating Temperature	
	0° to 60°C (0°to 140° F)
Maximum Humidity	
	90% relative humidity, non-condensing
Wireless Signal Range	
	400 meters nominal
	may vary with application!
Dimensions	
	10.4 cm x 13.2 cm x 2.7 cm (L x W x H), excluding antenna

Ordering Information

Part No.	Description
ATS1238	ADVANCE WIRELESS DGP ATS EXPANSION BOARD
TX-2344-03-1	Wireless PIR Camera