UTC Fire & Security
A United Technologies Company

NXG-868
xGen wireless receiver 868 MHz Gen2

Increasing zone capability

The NXG-868 wireless receiver adds wireless capabilities to the xGen range of panels. The receiver acts as a zone expander and supports most of the 868 MHz Gen 2 transmitters and functions. The number of wireless sensors that can be added depends on the xGen panel model.

Installation and programming

The NXG-868 wireless receiver needs to be installed outside the xGen panel housing in order to assure a maximum wireless range. The wireless receiver enrolls as a standard zone expander and will send incoming RF packets from the wireless transmitters to the xGen CPU for further processing. The xGen wireless solution will monitor the status and presence of each transmitter and will respond in case of an RF jamming condition.
The firmware of the module is remotely upgradeable via the DLX900 downloader.

Standard Features

- Adds wireless capabilities to xGen
- Supports 868 MHz Gen 2 transmitters
- Learn-mode technology
- EN50131-1/EN50131-3/EN50131-6 Grade 2 Class II
- INCERT T031
- Firmware upgradeable via DLX900 over the network

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Specifications

Operating power	12 Vdc via xGen bus
Current consumption	
typical	47 mA
maximum	52 mA
Firmware compatability	
xGen panel	A56P001001-02 or higher
NXG-1820-EUR	1.10k or higher
Supported transmitters	
868 MHz Gen2	TX-1011-03-x(*), TX-1211-03-x(*), TX-2211-03-1, TX-2411-03-1, TX-6212-03-1, TX-3011-03-x, TX-5011-03-x, TX-2212-03-1
(*)	external input not supported
Number of transmitters	
NXG-64(IP)(-CPU)	maximum 64
NXG-256IP(-CPU)	maximum 192
Operating temperature	-10°C to 55°C
Maximum humidity	95% relative humidity non-condensing
Dimensions (L x W x H)	165 x 115 x 40 mm
Weight	0.350 kg

Ordering Information

Part No.	Description
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