NXG-433

xGen wireless receiver 433 MHz

Increasing zone capability

The NXG-433 wireless receiver adds wireless capabilities to the xGen range of panels. The receiver acts as a zone expander and supports most of the legacy 433 MHz 63-bit transmitters and functions as well as the new generation of 433 MHz transmitters and 2-way devices. The number of wireless sensors and keyfobs that can be added depends on the xGen panel model.The NXG-433 wireless receiver also provides two wired zone inputs and one programmable relay output.

2-way wireless

The NXG-433 wireless receiver makes it possible to extend the xGen range of panels with wireless indoor & outdoor sirens, wireless input/output modules as well as 2-way keyfobs, all of these using the latest LoNa technology. The wireless communication is fully encrypted, avoiding unauthorized interference.

Installation and programming

The NXG-433 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 wireless device and will respond in case of an RF jamming condition.The firmware of the module is remotely upgradeable via the DLX900 downloader or on-site via USBUP-EUR.

Standard Features

- Adds wireless capabilities to xGen
- Two wired zone inputs
- One programmable SPDT Form C relay output
- Supports legacy 63-bit 433 MHz and new 80-bit 433 MHz transmitters
- Supports wireless indoor & outdoor siren and wireless input/output module
- Learn-mode technology
- Removable terminals
- EN50131-1/EN50131-3/EN50131-6 Grade 2 Class II (pending)
- INCERT T031 (pending)
- Firmware upgrade via USBUP-EUR flash tool or via DLX900 over the network

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Specifications

Operating power	12 Vdc via xGen bus
Current consumption	
typical	47 mA
maximum	51 mA
Supported transmitters	
legacy range of 433 MHz transmitters	433 MHz 63-bit
new range of 433 MHz transmitters and 2-way devices	433 MHz 80-bit (LoNa)
Number of transmitters	
NXG-64(IP)(-CPU)	maximum 64 sensors and 32 keyfobs
NXG-256IP(-CPU)(-M), NXG-512IP(-CPU)(-M)	maximum 192 sensors and 64 keyfobs
Operating temperature	-10°C to 55°C
Maximum humidity	90% relative humidity non-condensing
Dimensions (L x W x H)	155 x 95 x 26 mm
Weight	0.160 kg

Ordering Information

Part No.	Description
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