Product data sheet

NXG-9-RF-LB

xGenConnect panel, 8 zones, 8 partitions, max. 48 zones, with IP and LoNa Receiver on-board, large poly housing

Security Literally made simple

As part of the UltraSync family of intrusion panels, the xGenConnect series offers a new standard for scalability, flexibility and backwards compatibility, enabling professional security installers to leverage a single platform for new installs as well as upgrading legacy installations with the latest technologies and home comfort.

The xGenConnect is a smart hybrid intrusion panel ideal for residential or light commercial security applications. With the ability to control up to 48 zones and 8 partitions by 100 users, it has the flexibility to meet the requirements of future security needs.

The on-board ethernet port allows a secure connection to the UltraSync Cloud, offering access to a wide range of services, including alarm reporting and remote connectivity.
An optional 4G & WiFi router plug-on module is available for backup or primary cellular connectivity to the UltraSync Cloud. At the same time, the 4G & WiFi module can connect to a customer's home router via a Wifi link. This avoids having to install an ethernet cable between the panel and the customer's router. The module also has an ethernet port in case the security system requires UltraSync cameras for video surveillance purposes.

Migrate NetworX to xGenConnect

Legacy NetworX systems can easily be migrated to xGenConnect since the panel main board has the same form factor as the legacy NetworX panel. Apart from the 4-wire RS-485 xGen communication bus, xGenConnect also has the 3-wire NetworX communication bus on-board. Most of the NetworX peripherals such as keypads and zone expanders can be integrated seamlessly with xGenConnect, avoiding the need to replace the entire security system.

Easy to control and monitor

The xGenConnect security system can be controlled on-site from a traditional keypad and remotely via the UltraSync+ App.

A built-in web server allows the installer to access the system and perform advanced programming. The web server is accessible from a web browser on a computer, tablet or smartphone.

The UltraSync+ App allows the user to control the security system from an Apple® iPhone/iPad or Google Android device. The user can navigate through different screens allowing to arm/disarm partitions, enable or disable Chime, bypass zones, manage users, watch live or recorded images. The same App will allow the installer to perform the system programming.

Easy to program

Once all system peripherals are wired up and enrolled by the xGenConnect system using the auto-enroll feature, the panel can be programmed from the local keypad, from a desktop PC connecting to the panel built-in web server or via the DLX900 management software.

Details

- 8 zones on-board
- Maximum 48 zones (including wireless)
- Maximum 32 wireless keyfobs
- Legacy & LoNa 433MHz RF receiver on-board
- Maximum 8 partitions
- Maximum 100 users, each user with up to 4 profile levels
- Maximum 32 devices (expanders and keypads)
- Maximum 16 keypads
- xGen and NetworX communication bus
- Zone Doubling and multiple end-of-line resistor support
- UltraSync Video integration
- 4 programmable outputs on-board
- Actions and Scenes programming logic
- 10/100Base-T IP/LAN connection
- Optional 4G/wifi plug-on module
- Built-in web server
- DLX900 programming software
- Supporting Osborne Hoffman alarm reporting in SIA and CID
- Firmware upgrade via USBUP-EUR-V2 or DLX900 over the network
- Auto-enroll feature
- Several diagnostic LEDs on-board
- EN50131-1/EN50131-3/EN50131-6 Grade 2 Class II, EN50136-2/EN50131-10 SP4 DP3, INCERT T031+A1

The system can also be programmed via a smart phone or tablet over the secured UltraSync cloud service. Most of the panel menus have pre-programmed defaults. Simply select from the drop-down menu the most suitable option.

UltraSync+ App

An App is available for Apple iPhone/iPad and Google Android smart phones. It allows viewing the system status, offers system controls such as bypass zones, arm and disarm, read the event history, watch live or recorded images.

The user can receive push notifications from the App in case the system status changes or when there is an alarm or trouble condition. If enabled, the App Location Service monitors the location of the smart device (user) in reference to the geographical location of the panel. When the user enters or exits a fixed proximity from the protected premises, automated functions can be initiated such as switching off lights, receive a notification if the panel is armed or not.

The installer can use the App to perform advanced programming. The App guarantees a secure connection between your smart phone and the xGenConnect security system over WiFi or the cloud. The setup only requires to enter the unique serial number and access code in the App. The user and installer can log in using their user name and PIN code. No complicated port forwarding is required.

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Technical specifications

System

Panel type	Hybride
Max no. of modules	32 (of which max 16 keypads)

Inputs

Max no. of inputs	48
Onboard inputs	8
2EOL resistor values	3.3K - 6.6K; 4.7K - 9.4K; 4.1K - 8.2K
Max no. of wireless transmitters	48 sensors + 32 keyfobs

Outputs

No. of onboard outputs	5

Area

No. of areas	8

User/Cards

Max. no. of users	100

Communication

Onboard transmission type	IP
Databus type	NetworX & xGen RS-485

Event log

Alarm event log	1024

Electrical

Operating voltage	230 VAC +10%, −15%, 50 Hz ±10%
Power supply value	20 VAC 40 VA
Mainboard current consumption	150 mA at 13.8 VDC +/- 0.4 V
Max system current	2000 mA at 13.8 VDC +/- 0.4 V
Max aux power current	13.8 VDC +/- 0.2 V, 1 A max.
Auto-reset fuses	Yes
Supported battery	BS127N: 7.2 Ah 12 V nominal BS130N: 12 Ah 12 V nominal
Wireless receiver	433MHz Legacy + LoNa

Physical

Physical dimensions	394 x 256 x 118 mm
Shipping weight	2800 g
Colour	Beige
Material	Polycarbonate
Housing	Polycarbonate

Environmental

Operating temperature	0 to +55°C
Relative humidity	95% non-condensing
Environment	Intérieur
Environmental Class	Class II

Standards & regulation

EN50131 Grade	Grade 2
Compliancy	CE
Certification	EN50131 Grade 2, INCERT

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