



NXG-1833-EUR

xGenConnect keypad with integrated Mifare reader, anthracite

General

The new state-of-the-art LCD keypad with integrated Mifare reader for the xGenConnect series of security systems is bringing a new and modern looking user interface that fits virtually any décor. Its attractive design will please home owners while its robust design will make it stand out in a commercial environment or any other type of business. The keypad door can be turned up to hide the buttons when not using the system or it can easily be taken off to allow faster operation.

System information

A large graphical display makes system messages easily readable. The user can choose from a various number of colour schemes for the background light of both the display and the buttons and this to make the keypad seamlessly fitting any type of décor. In the blink of an eye, a multi-colour ring shape status indicator will alert the user in case of an incident or fault, or will simply provide the system status.

Operation

Large buttons and a selection of background ambient light ensure error free operation, even in a darkened environment. Dedicated buttons will also be used to navigate the user easily through the programming and operational features.

Four pre-programmed function buttons allow the user to perform the most common functions. Arm the system perimeter with the possibility to differentiate between Arm Stay, Arm Stay Instant, Arm Stay Night. Fully arm the system when exiting the premises. An Off or Disarm button to disarm the system or clear fault messages and an Info button to retrieve system status information.

Four special buttons are available with combined functionality for simplified operation. A single touch of the button will initiate features like manual bypass, enable the “chime” mode or trigger a scene. When pressing the button for two seconds the button can signal a fire or medical emergency or can activate a hold-up alarm.

Via the integrated Mifare reader, the user can scan his card or tag to perform various arm/disarm functions, unlock a door and initiate automated scenes and actions. The keypad menus allow to manage all user credentials and control all doors in the system.

Installation

The keypad backplate has the mounting points in the same position as the legacy NetworX keypads so no additional drilling is required when replacing legacy keypads when migrating to the xGenConnect security system. The backplate also allows easy cable entry and incorporates cable conduits from four directions.



Details

- Modern design with removable door
- Multi-colour graphical display
- Integrated secure Mifare DESFire EV2/EV3 reader
- Compatible with NXG-1800 series user credentials
- Various button and display colour schemes
- Multi-colour status indicator
- White and anthracite variant
- 3 arming modes: Arm Away, Arm Stay, Arm Stay Night
- 4 programmable function buttons (A/B/C/D)
- Single and multi-partition operation
- Multi-language support
- Conduits for easy cable entry
- Custom logo on display
- Navigation menu for user and installer
- Firmware upgradeable via USBUP and DLX900
- EN 50131-3 Security Grade 2, INCERT T031 pending

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Technical specifications

General

Product line	xGenConnect
Panel compatibility	xGenConnect xGen (w/o Door Control)
Frequency Mifare reader	13.560 MHz
Technology	Mifare DESFire EV2, EV3

System

Function keys	4
Programmable keys	4
Ambient colour	white, pink, violet, blue, cyan, green, lime, yellow, orange, red

Communication

Communication type	Wired
Wiring	RS-485, 4-wire bus

Inputs/Outputs

Inputs	1
Input type	Intrusion zone, Request-To-Exit zone (w/ Door Access)
Outputs	1
Output type	Open Collector
Output load	100 mA max

Electrical

Operating voltage	9 to 15 VDC (provided by panel)
Current consumption	Maximum: 200 mA at 13.7 VDC Nominal: 130 mA at 13.7 VDC Minimal (all lights off): 40 mA at 13.7 VDC

Physical

Physical dimensions	133 x 130 x 25 mm
Net weight	0.3 kg
Colour	Anthracite
Connector type	Removable connector

Environmental

Operating temperature	-10 to +50°C
Relative humidity	95% noncondensing
Environment	Indoor

Regulatory

Standards	EN50131 Grade 2 pending INCERT T031 Grade 2 pending
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