

NGX-183x-EUR Series

Aritech Reliance XR Series keypad with/without integrated Mifare reader, white/anthracite



GENERAL

The new state-of-the-art LCD keypad range of keypads designed for the Aritech Reliance XR 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 button cover can be closed 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. Additionally, 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.

DOOR ACCESS

Via the integrated Mifare reader (selected models), 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/Hills Reliance keypads so no additional drilling is required when migrating to the Aritech Reliance XR Series 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 (selected models)
- Compatible with NGX-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
- Conduit entry points
- Navigation menu for user and installer
- Firmware upgradeable via USBUP and DLX900

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TECHNICAL SPECIFICATIONS

		NXG-1830-EUR	NXG-1831-EUR	NXG-1832-EUR	NXG-1833-EUR
General	Product line	Aritech Reliance XR Series			
	Frequency Mifare reader	N/A		13.56 MHz	
System	Function keys	4			
	Supported card types	N/A		MIFARE® DESFire® EV2, MIFARE® DESFire® EV3	
	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	Inputs	1			
	Input type	Intrusion zone, Request-To-Exit zone (w/ Door Access)			
	Outputs	1			
	Outputs type	Open collector			
	Outputs 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	White	Anthracite	White	Anthracite
	Connector type	Removable connector			
Environmental	Operating temperature	-10 to +50°C			
	Relative humidity	95% non condensing			
	Environment	Indoor			
Regulatory	Standards	RCM Approved			