ACCESS CONTROL

Unlock the future of security with CENTURION's intelligent range of access control devices

SMARTGUARD
HIGH-SECURITY KEYLESS ACCESS CONTROL

The CENTURION **SMARTGUARD** range provides efficient, secure keyless access control by enabling users to store up to 1000 unique codes comprising one to ten digits in its non-volatile memory. A variety of electrical devices can be activated (including gate operators, alarm panels, water pumps, etc.) by making use of one or more of the outputs provided.

SMARTGUARD: Multi-function, high-security, wired, keypad access control.

SMARTGUARDair: High-security, wireless keypad access control.

SMARTGUARD   SMARTGUARDair

MAIN FEATURES

SMARTGUARD

- **SMARTGUARD** for hard-wired installations – compatible with almost any access control device

- 1000 unique codes using one to ten digits – for greater security and versatility in a multi-user application

- Three-channel output – activate up to three devices

- Selectively add and delete user codes – convenient and secure management of the system

- Backup Memory Module – guarantees data security

- Limited Uses Counter – grant access to armed response, garden services, etc. - codes are automatically rendered invalid after pre-set number of uses
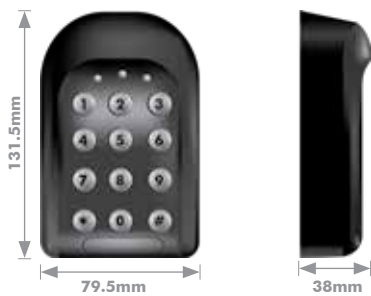
SMARTGUARDair

- Wireless for quick and easy installations

- 1000 unique codes using one to ten digits – for greater security and versatility in a multi-user application

- 15-channel output – activate up to 15 compatible devices

- Selectively add and delete user codes – convenient and secure management of the system

- Backup Memory Module – guarantees data security

- Limited-uses counter – grant access to armed response, garden services, etc. - codes are automatically rendered invalid after use

- Operates on two AA Alkaline batteries (included), or a separate 12V power supply

- Up to two years of battery life with up to 300 uses per day

- Wireless operating range of up to 30 metres (line-of-sight)

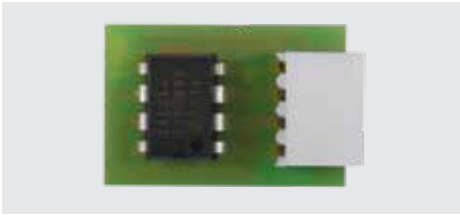- Compatible with CENTURION's code-hopping receivers

TECHNICAL SPECIFICATIONS

Technical Data	SMARTGUARD	SMARTGUARDair
Input voltage	12V - 24V AC/DC	2 x AA Alkaline batteries (included)
Current	32mA (standby) – 180mA (max)	NA
Operating temperature	-20°C to +60°C	-18°C to +55°C
Operating humidity	0-90%[1]	
Operating range	NA	Up to 30m[4]
Battery life	-	Two to five years[2]
Operating frequency	NA	433MHz
Outputs	Three (One relay output, two open collector outputs) Up to 15 individual channels	Up to 15 individual channels[5]
Output pulse time range	1 – 255 sec (adjustable) or latched	NA
Memory	1 000 user codes	
Limited-uses codes[3]	1 - 254 activations	
Memory retention	>200 years	
Dimensions	Width:79.5mm x Depth: 38mm x Height: 131.5mm	
Housing material	Polycarbonate	
Colour	Black	
Degree of protection	IP55	
Packaging weight	215g	
Packaging dimensions	Length: 82mm x Width: 40mm x Height: 133mm	

1. Non-condensing
2. Subject to usage – refer to the Battery Low Indication section of the manual
3. A code that will be automatically deleted from the system's memory after a user-defined number of activations
4. This is specified as Line of Sight range
5. Requires CENTURION code-hopping receiver(s)

131.5mm

79.5mm

38mm

SMARTGUARD AND SMARTGUARDair ACCESSORIES

MEMORY MODULE

Create a backup of all users and settings stored in your keypad's memory using this compact and useful memory module.

ANTI-TAMPER SWITCH

An optional independent tamper switch can be fitted to provide a contact indicating if the unit has been forced open, or removed from its mountings.

ANTI-KNOCK SHIELD

An anti-knock shield constructed from brushed Grade 304 stainless steel.

NOVA AND NOVA HELIX SINGLE- AND MULTICHANNEL RECEIVERS

SMARTGUARDair interfaces with the high-security NOVA / NOVA HELIX code-hopping receivers.

RELAY SWITCH

This optional controller interfaces with the open collector output of the SMARTGUARD hard-wired keypad to provide a potential-free contact (normally-open/normally-closed). It can be used to operate a door lock, gate operator, roller-shutter operator, traffic barrier, etc.

SMARTSWITCH II

An interface board that provides additional security. It will only respond to a coded signal from the SMARTGUARD keypad. This ensures that an unauthorised person cannot operate the device by simply opening the keypad and shorting wires to trigger the device.

ACCESS CONTROL KITS

SMARTGUARDAIR KIT

Product Code: **SK/AIR_R1B**
- 1 x SMARTGUARDair keypad including **A**
  - 2 x AA Alkaline batteries **C**
- 1 x NOVA Single-channel **CENTURION** receiver **B**

SMARTGUARD and SMARTGUARDair keypad

Single-channel NOVA / NOVA HELIX receiver

AA Alkaline batteries