



**SMART** **GUARD**  
**air**

**SMART** **GUARD**

## KEYPAD ACCESS CONTROL SYSTEM

Wireless and wired secure keyless access control





The CENTSYS **SMARTGUARD** and **SMARTGUARDair** 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.

## MAIN FEATURES

### Multi-user capability

These keypads can accommodate up to 1000 unique PIN codes with any user-defined length from one to ten digits.

### Selectively add and delete

User codes can also be selectively deleted without affecting other codes stored in the memory. This makes administering your access control database so quick and easy.

## Three, two, one...Delete!

The keypads also boast a 'downcounter' allowing selected codes to have a limited number of uses. This is ideal for granting single occasion access, for example to an armed response company, with the code automatically deleting itself after use.

## Multichannel functionality

The **SMARTGUARD** offers three separate outputs - each configurable as either pulsing or latching - while the **SMARTGUARDair** allows for the activation of up to 15 services. Such functionality caters for many different scenarios, for example, a motorised gate entrance may be opened fully using one code, activate the pedestrian opening using another, and switching on the house alarm using a third.

## Secure – inside and out

The addition of the optional CENTSYS SmartSwitch maximises security and ensures that, even with the keypad mounted outside the property, it cannot be 'hot-wired' and the integrity of the site jeopardised.

## Reliable memory backup

CENTSYS offers backup memory modules for the **SMARTGUARD** and **SMARTGUARDair**, respectively, allowing all the settings and codes to be backed up and then later restored in seconds.

## Wireless convenience

The **SMARTGUARDair** is a wireless model making it easy to install. It operates off two AA Alkaline batteries which provide up to two years of battery life with up to 300 operations per day! It is compatible with CENTYS' ultra-secure code-hopping remote controls, including those onboard in many of our new operator controllers.

# TECHNICAL SPECIFICATIONS

SMARTGUARD	
Supply voltage	12V - 24V AC/DC
Current	32mA (standby) - 180mA (max)
Operating temperature	-20°C to +60°C
Outputs	Three (One relay output, two open collector outputs)
Output pulse time range	1 - 255 sec (adjustable) or latched
Memory	1000 user codes
Size	132mm x 80mm x 38mm
Housing material	Polycarbonate
Degree of protection	IP55
Colour	Black

SMARTGUARDair	
Supply voltage	Two x AA Alkaline batteries or wired 12V DC power supply
Current (wired 12V)	30mA
Operating temperature	-18°C to +55°C
Operating range	Up to 30m <sup>1</sup>
Outputs	Up to 15 individual channels <sup>2</sup>
Output frequency	433MHz
Memory	1000 user codes
Size	132mm x 80mm x 38mm
Housing material	Polycarbonate
Degree of protection	IP55
Colour	Black

1. This is specified as Line of Sight range.
2. Requires CENTSYS code-hopping receiver(s).