



**SMART GUARD**  
air

**SMART GUARD**

## KEYPAD ACCESS CONTROL SYSTEM

Wireless and wired secure keyless access control





The CENTYS **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

The same memory module used on the SupaHelix may also be used on the **SMARTGUARD** and the same memory module used on the D10/D10 Turbo may also be used on the **SMARTGUARDair**, 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

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

<b>SMARTGUARDair</b>	
<b>Supply voltage</b>	Two x AA Alkaline batteries
<b>Current</b>	External 12V DC power supply
<b>Operating temperature</b>	-18°C to +55°C
<b>Operating range</b>	Up to 30m <sup>1</sup>
<b>Outputs</b>	Up to 15 individual channels <sup>2</sup>
<b>Output frequency</b>	433MHz
<b>Memory</b>	1000 user codes
<b>Size</b>	131.5mm x 79.5mm x 38mm
<b>Housing material</b>	Polycarbonate
<b>Degree of protection</b>	IP55
<b>Colour</b>	Black

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