

**ADVANCED ACCESS CONTROL & MONITORING SYSTEM**



**CENTURION**



**SupaHelix™**



**Take monitoring  
and control to  
the next level**





**SupaHelix** hasn't just raised the bar in multi-unit access control – it's changed the game completely. Its high-security controller with intuitive navigation interface makes for an access control system that

delivers unmatched convenience, security, logging and

administration.

With **SupaHelix**, you'll enjoy a multitude of features as well as

## Main Features

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### Store up to 10 000 remote buttons

This isn't the So-So Helix, it's the **SupaHelix**, which means that there are no half measures taken. With a huge memory capacity (10 000 remote buttons), the **SupaHelix** is most at home in large, high-density residential, commercial and government installations.

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### Flexible input/output channels

Each of the three channels can be configured as either an input or an output, and the output mode can be set to be momentary, pulsed or latching. Outputs can be used to open an automated gate, switch on a pool pump or control any number of electrical devices, while inputs are perfect for performing monitoring operations, such as tracking how many times, and when, a safe door has been opened.

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### Clever design

No matter how passionate one is about technology, nobody likes spending hours trying to determine which wire goes where. The **SupaHelix** provides removable terminal strips so that setup and maintenance can be as hassle-free as its other attributes.

## Transaction logging

The **SupaHelix** electronically logs each and every transaction, enabling you to monitor user activity for greater security as well as performing system diagnostics. The unit will even tell you when it was last powered down!

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## Easy setup and visual diagnostics

The most advanced civilisations in history knew the power of conveying information visually – with a large LCD screen and user-friendly four-button navigation, setting up the system and taking care of administration is as intuitive as taking your next breath.

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## Effortless backup and updating of firmware

The **SupaHelix** provides a convenient onboard USB port which can be used to back up or restore all learned-in users and system settings onto a memory stick within a matter of seconds, and to bootload updated firmware just as quickly. In addition, the removable SD card included with the controller contains the entire system's data for quick recovery.

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## Rising and Falling Edge inputs

Inputs can be configured to send notifications on either Rising and Falling Edge inputs, or both, making the **SupaHelix** the ideal solution for monitoring mains power and alarm systems. The system also comes standard with a built-in input filter which will, if enabled, allow the system to only send notifications if the rising or falling states have been active for the user-configured time.

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## Easy management of individual access

Users can be selectively added or deleted, within groups and subgroups, which means no more tiresome, disruptive and frustrating blanket operations. Each user can easily be given the individual attention they deserve!

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## Good-looking

The **SupaHelix's** stylish enclosure matches its powerful, multi-faceted brain. Sleek curves that seamlessly flow into one another and a wholly modern look, make **SupaHelix** an attractive and unobtrusive piece of technology.



TRANSMITTERS  
& RECEIVERS

## Technical Specifications

	SupaHelix	With GSM Module fitted
Supply voltage	10.5V - 30V DC	
Standby current	12V: 100mA	
	24V: 70mA	
Maximum current	12V: 270mA	
	24V: 230mA	
Operating temperature	-20°C to +70°C	
Housing material	ABS	
Degree of protection	IP50	
<b>Functional Data</b>		
Memory capacity	10 000 individual buttons	
Input filter	0 - 9999 sec in 1 sec increments	
Inputs/Outputs	Maximum three (selectable as any combination of open collector outputs and/or switch-to-negative inputs)	

## Main Features

	SupaHelix
Control three channels	✓
Easily add and delete remote buttons	✓
Visual diagnostics	✓
Transaction logging	✓
System backup and restore	✓
Daylight Savings Time feature	✓
Capacious memory	10 000 remote buttons

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