TRANSMITTERS AND RECEIVERS

Remote control access is where security and convenience meet.
Centurion Systems has a range to comply with your site's unique security requirements, whether basic or advanced.

NOVA
CODE-HOPPING TRANSMITTERS

The award-winning **NOVA** remote controls offer code-hopping technology. Each code transmitted by the remote is randomly different from the last code transmitted. This prevents unwanted copying of the remote signal and cloning of the remote itself.

AVAILABLE MODELS

One-button

Two-button

Three-button

Four-button

MAIN FEATURES

Mechanical Features

- Highly durable and robust silicone buttons designed to last a lifetime of pressing
- Simple jumper-based learning system to facilitate the easy addition of new transmitters to the receiver
- Remote belt clip doubles as wall mounting bracket – convenient Wall Pendant for operating garage door motors, or for remote control of lighting, etc.
- Weatherproof housing for receivers and remote controls
- Stylish carbon fibre look

Electronic Features

- 433MHz operating frequency
- Large maximum supply voltage range – maximum 40V DC
- Visible battery-low indication

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TECHNICAL SPECIFICATIONS

Technical Data	NOVA Transmitters
Operating frequency	433.92MHz
Frequency stability	0.037ppm/C2/10ppm/year
Power source	GP23 12V Alkaline battery
Operating voltage	12V DC
Minimum operating voltage	5V DC
Operating current	7mA
Operating temperature range	-15°C to 50°C
Packaged weight (including battery)	38g
Packaging dimensions	Length: 37mm x Width: 28mm x Height: 61mm

59mm
35mm
16mm

FAAC
Simply automatic.

50 YEARS 1965 | 2015

NOVA HELIX
SINGLE- AND MULTICHANNEL RECEIVERS

The CENTURION **NOVA HELIX** system incorporates code-hopping technology to offer the ultimate security in remote control. A unique randomly-changing code is transmitted with each operation, making it virtually impossible to duplicate the system. The receiver uses self-learning technology, making it quick and easy to set up.

AVAILABLE MODELS

Single-channel receivers: Ultra-secure code-hopping technology to ensure that criminals can't learn their own remotes into your system, **NOVA HELIX** single-channel receivers are ideal for activating a single function such as opening a gate or triggering a garage door operator.

Multichannel receivers: Up to four different activations with Centurion Systems' **NOVA HELIX** multichannel receivers. Open a gate for vehicles, for pedestrians, switch on a Pillar Light and activate Holiday Lockout Mode - all using a single receiver.

MAIN FEATURES

- Features secure code-hopping technology
- Receivers are self-learning, with either one, two or four channels
- Receivers incorporate stable narrow-band technology
- Highly robust dust-proof and weatherproof enclosures
- Excellent immunity to external interference for outstanding reliability
- High sensitivity delivers improved range
- Choose between ultra-secure Master leaning and super easy Link Learning
- Learn Links can be disabled for added security
- Supports SMARTSWITCH II interfacing capabilities
- Convenient Autolearn feature
- Adjustable pulse time

NovaHelix
r e c e i v e r

TECHNICAL SPECIFICATIONS

Technical Data	Single-channel Receiver	Multichannel Receiver
Operating frequency	433.92MHz	
Supply voltage	12V – 24V DC	
Quiescent current @ 12V DC	11mA	
Maximum current @ 12V DC	40mA	
Operating temperature	-15°C to 50°C	
Humidity	0 – 90% (non-condensing)	
Sensitivity	-115dB	
Self-learning memory	62 buttons	250 buttons
Receiver enclosure	UV stabilised ABS	
Degree of protection	IP54	
Packaged weight	65g	145g
Packaging dimensions	Length: 78mm x Width: 58mm Height: 31mm	Length: 117mm x Width: 67mm x Height: 35mm

NOVA SINGLE &
MULTICHANNEL
RECEIVERS

SUPAHELIX
PROGRAMMING CONSOLE

SupaHelix hasn't just raised the bar in multi-unit access control - it's changed the game completely! A high-security controller with an intuitive navigation interface, makes for an access control system that delivers unmatched convenience, security, logging and administration.

MAIN FEATURES

Mechanical Features

- Large LCD screen and four-button navigation make setup child's play
- USB port input for backup of system memory and bootloading
- Removable connectors – for ease of setup and maintenance
- LCD screen provides instant diagnostic feedback
- Aesthetically pleasing design – sleek, stylish and modern appearance

Electronic Features

- 10 000 button capacity – perfect for high-density residential complexes

- Robust, interference-free remote control learning
- Transaction logging for ease of user activity and system diagnostics
- Easy management of individual access – users can be selectively added or deleted within groups and sub-groups
- Virtually unlimited transaction logging via onboard SD card[1]
- Three flexible input/output channels – can each be configured as timed, momentary or latched
- Inputs are configurable as rising or falling edge – includes an adjustable filter input
- SD card contains the entire system's data – makes for quick recovery and improves data security
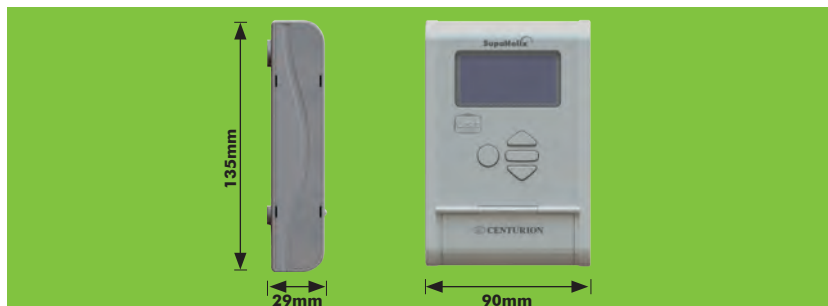
1. Limited to SD card capacity

SupaHelix

TECHNICAL SPECIFICATIONS

Technical Data	SupaHelix Programming Console
Supply voltage	10.5V - 30V DC
Standby current	12V:100mA (110mA)
	24V: 70mA (80mA)
Maximum current	12V: 270mA (500mA)
	24V: 230mA (400mA)
Operating temperature	-20°C to +70°C
Output rating	Open collector - maximum current 50mA per channel
Display	2.4 inch 128 x 64 transflective with backlight
Housing material	ABS
Degree of protection	IP50
Weight	370g
Packaging dimensions	Length: 171mm x Width: 47mm x Height: 232mm

Functional Data	CP104 Receiver V3.1 (or later)
Supply voltage	10.5V - 30V DC (powered through the SupaHelix)
CP104 operating frequency	433.92 MHz
Sensitivity	110dB
Degree of protection	IP54
Maximum distance between a Programming Console and receiver	250m
Packaging dimensions	Length: 78mm x Width: 58mm x Height: 31mm

Technical Data	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

135mm
29mm
90mm

ADVANCED ACCESS CONTROL & MONITORING SYSTEM