CENTURION



Wi-Fi

V-SERIES SMART+

LINEAR SWING GATE OPERATORS

SMART+

Always On. Always Connected. Always Communicating.

A BRAND OF FAAC TECHNOLOGIES

ISO 9001:2015 · DESIGNED IN SOUTH AFRICA · 24 MONTH WARRANTY · UK CA



Control. Clarity. Confidence.

In reality, fault-finding usually only starts once the installer is on site. Until then, it's difficult to confirm the issue or the exact parts needed, so installers often arrive without a clear diagnosis, resulting in wasted time and travel.

SMART+ changes everything

Installers can now configure settings, view device health, live status, logs, and I/Os remotely before a call-out. With a secure remote session, installers can verify faults and confirm parts before going to site. Homeowners approve access with a one-time PIN and stay in control throughout. Less wasted time and travel. Faster fixes. The installer arrives on site knowing the issue, with a confirmed solution and the right parts on hand.

Diagnose off-site.

Confirm the fault.

Arrive prepared.

SMART+

SMART+

A connected ecosystem where installers work smarter, homeowners stay in control, and issues get solved faster.

INSTALLERS

No more wasted trips. No more wasted time.

- Access health, fault logs, and live status in MyCentsys Pro
- Verify the issue remotely before you leave to site
- Arrive better prepared with the right parts on hand
- Protect your workmanship with clear fault history and event logs
- Tie your installer access code to you
- Installer digital business card

END-USERS

Stay informed. Stay in control.

- View activity, battery status, and mains power changes on your phone
- Open, close, and monitor your gate or garage from anywhere
- Share a one-time PIN for time-limited diagnostics
- Stay informed with real-time alerts



WHAT DISTINGUISHES THE V-SERIES SMART+?

The **V-SERIES SMART+** is a low-profile, in-line linear swing gate operator, making it the perfect solution for most domestic and commercial applications. Available in three powerful models, with actuator strokes of 300mm, 400mm and 500mm respectively.

- **Discreet operator design that suits modern entrances:** The low-profile, in-line design keeps the operator visually understated on most swing gates, leaving a cleaner installation finish
- **Built for busy entrances:** Rated for up to 250 operations per day, the **V-SERIES SMART+** suits residential estates and commercial access points where the gate runs regularly throughout the day
- **Battery-driven continuity:** The **V-SERIES SMART+** offers a 12V battery-driven system, which helps keep access moving when mains power is unavailable
- **Onboard I/Os for practical accessories integration:** Configurable onboard I/Os make it easy to integrate practical accessories, including higher-draw devices such as the GLX900

FEATURES:

- **Actuator stroke options:** 300mm, 400mm or 500mm
- **Push force:** Up to 250kgf
- **Typical gate opening time (full stroke):** 11.3s/14.3s/17.8s (model dependent)
- **Maximum number of operations per day:** 250
- **Motor voltage:** 1 x 12V 7Ah battery-driven with 1.8 A charger
- **Connectivity:** Smartphone/app control over 2.4 GHz wireless
- **Accessories integration:** 3 inputs, 2 input/outputs (low current) and 1 output (high-current)
- **Receiver capacity:** 1500 remotes

INSTALLERS

Seamless remote support and troubleshooting.

- **Remote support:** Built-in always-on cloud connectivity speeds up fault finding and cuts unnecessary trips to site
- **Pre-dispatch clarity:** Confirm the likely fault and parts before travelling to site, helping create visibility of the situation beforehand

END-USERS

For the end-user that values it all.

- **Your V-SERIES SMART+ continues to operate for longer without mains power:** The 12V battery-driven system ensures increased continuity when mains power is unavailable
- **More visibility and control:** Always-on cloud connectivity lets you check your gate status, and control your gate remotely from the MyCentsys Remote app
- **Discreet automation that suits your entrance:** The low profile, in-line design of the **V-SERIES SMART+** keeps the operator visually subtle, without compromising everyday capability
- **Controlled movement you can trust:** Speed control and obstruction detection support smooth operation and safer gate behaviour around vehicles and people
- **Configurable I/Os for smarter control:** Allowing you full customisation of your gate for optimal versatility. Integrated CENTURION solutions like Photon SMART safety beams, SMARTGUARDair keypad, G-SPEAK ULTRA intercom, and add-ons like a SMART Siren, courtesy lighting, or the GLX900 electric gate lock



Three Apps. A Smarter Access Experience.

SMARTER CONTROL. BETTER SUPPORT. GREATER CONVENIENCE.

From installer setup and support to everyday end-user control, our app ecosystem makes compatible SMΔRT+ and SMΔRT gate and garage door operators easier to manage. Each app plays a dedicated role, helping simplify setup, speed up support and make daily access more convenient. Connect over 2.4 GHz wireless for remote* access through the SMΔRT+ ecosystem, with Apple CarPlay and Android Auto integration for convenient control from your vehicle.

MYCENTSYS PRO

For Professional Installers

Set up, configure and support compatible SMΔRT+ and SMΔRT operators from one installer-focused app. MyCentsys Pro provides quick access to key system information, customer support tools, and secure Remote Sessions* authorised by the end-user through the MyCentsys app.

MYCENTSYS

Empowering the End-user

Manage selected SMΔRT+ and SMΔRT operator functions, monitor system activity, and securely authorise Installer Remote Sessions* with a one-time PIN (SMΔRT+ only). MyCentsys gives users greater visibility and control, helping them stay connected.

MYCENTSYS REMOTE

For Everyday Access Control

Control SMΔRT+ and SMΔRT gate and garage door operators from your smartphone. MyCentsys Remote provides convenient control when you are near your gate or garage and, where connectivity is available, allows remote monitoring and operation from virtually anywhere*.

For SMΔRT operators, this functionality is enabled through a compatible GSM device, while SMΔRT+ operators have it built in.

DOWNLOAD OUR MOBILE APPLICATIONS for a SMΔRT experience

Download on the App Store | Get it on Google play | EXPLORE IT ON AppGallery

Works with Apple CarPlay | Works with Android Auto

*Remote functionality requires an active internet connection

ACCESSORIES





SMΔRTGUARD or SMΔRTGUARDair Keypad
Cost-effective and versatile wired and wireless keypad, allowing access to users with a customised code



Photon SMΔRT Safety Beams
Fully-wireless infrared beams. Always recommended on any SMΔRT and SMΔRT+ automated installation



Pedestrian Keyswitch
Basic key-operated switch for allowing access for pedestrians



Intercom Handset
Allows visitors to communicate with people inside in order to gain access to the property (not shown in diagram)



FLUX SA Loop Detector
Allows free-exit of vehicles from the property - requires ground loop to be fitted



Gate Stations
Communication hub for the G-SPEAK ULTRA GSM intercom – available in both durable plastic and stylish and strong metal enclosures



CENTURION Transmitters
Available in one-, two- and four-button variants. Incorporates code-hopping encryption



Gooseneck
Steel pole for mounting intercom gate station or access control reader



Controller Wallbox
A fully weatherproof wall-mounted enclosure for the operator's controller electronics



Solar Supply Solution
Alternative means of powering the system - consult your CENTURION dealer



G-ULTRA
The ultimate GSM solution for monitoring and activating the operator via your mobile phone



G-SPEAK ULTRA
Answer your intercom from anywhere for maximum security and convenience - powered by 4G technology



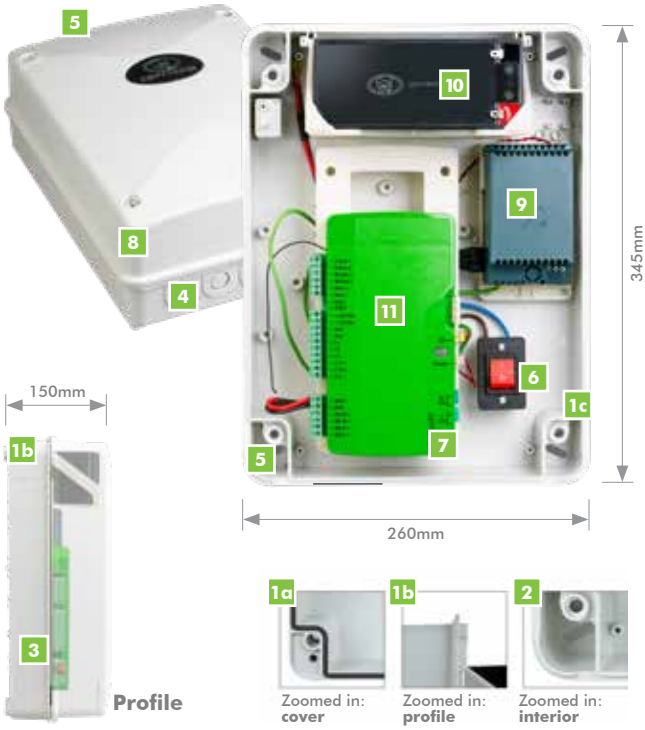
12V-24V SMΔRT Sirens
Both wired and wireless SMΔRT Sirens designed to integrate with the existing SMΔRT and SMΔRT+ gate and garage door operators

THE Vx SMΔRT+ WALL BOX

The **Vx SMΔRT+** Wall Box, supplied standard with all **V-SERIES SMΔRT+** kits, is constructed out of tough, UV-resistant, fade-resistant ABS plastic, providing strength and long-term durability. The high IP65 rating (ingress protection) will assure you that just about nothing will get in.
Its contemporary design complements the unobtrusive design of the **V-SERIES SMΔRT+** operator and enhances the aesthetics of any installation.

Wall box cover

Wall box interior
V-SERIES SMΔRT+ application



1a Weatherproof design to prevent ingress of water, dust and insects. Includes the built-in rubber seal on underside of lid.

1b Exterior lip to ensure water stays out, even during removal of the cover.

1c Screw-down points for cover and mounting slots located outside of the general housing to ensure complete sealing of the unit.

2 Slotted, diagonal mounting slots add mounting flexibility.

3 Low-level housing wall provides easy access to terminal points.

4 Five knock-outs for easy, and multiple, cable entry.

5 Gas breathing point allows any potential build-up of gas to escape, whilst still preventing the ingress of dust, water and ants.

6 Built-in isolator to conform with legal requirements.

7 Built-in earth point.

8 Strip-proof, ultra-strong polycarbonate screws enclosed in screw-retaining slots.

9 Battery Charger[1]
(Power input options*: Mains 90V - 240V AC or Low-voltage 16V AC).

10 CENTURION High Quality Battery.

11 **Vx SMΔRT+** Controller.

1. A Solar-powered Wallbox with a prewired Solar Regulator is also available.

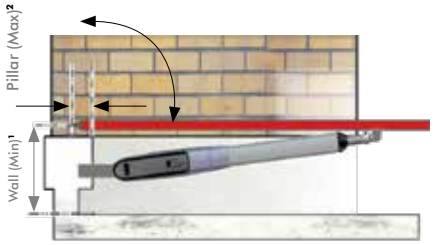
TECHNICAL SPECIFICATIONS

	V-SERIES 300 SMΔRT+	V-SERIES 400 SMΔRT+	V-SERIES 500 SMΔRT+
Input voltage	100V - 240V AC ±10%, 50/60Hz		
Motor voltage	12V DC		
Motor power supply [1]	Battery-driven (standard capacity - 7.2Ah)		
Battery charger[2]	1.8A @ 13.8V		
Current consumption (mains)	170mA		
Current consumption (motor at rated load)	15A - Maximum		
Fuse Protection	**Type**		**Rating**
Main Control Card	Serviceable		2 x 15A
Aux. Supply	Resetable Fuse		
Charger (Mains Supply)	Non-serviceable		3A slow-blow
Operator push force - maximum	250kgf		
Operator stroke	300mm	400mm	500mm
Piston extension / retraction speed	28mm/sec (variable)		
Typical gate opening time[3]	11.3 sec	14.3 sec	17.8sec
Connectivity	Smartphone/app control over 2.4GHz wireless		
Manual override[4]	Key release		
Maximum number of operations per day	250		
Duty cycle - Mains present[5,6]	50%		
Operations in standby with 7.2Ah battery[7]			
Half day	70 cycles		
Full day	58 cycles		
Collision sensing	Electronic		
Operating temperature range	-15°C to +50°C		
Degree of protection	IP55		
Controller incorporated	Vx SMΔRT+ in separate wallbox		
Onboard receiver type	Code-hopping onboard multichannel		
Receiver frequency	433MHz		
Receiver code storage capacity[8]	1500 Remotes		
Mass of unit packed			
Single kit[9]	8kg	8.5kg	9kg
Double kit[10]	13kg	14kg	15kg
Packaging dimensions			
Single kit[11]	Length: 1125mm Width: 335mm Height: 270mm		

1. Can increase battery capacity for longer standby times.
2. Can operate off a solar supply, consult your reseller for assistance.
3. Assumes a full stroke of operator is used with no wind present.
4. Each operator comes with a unique set of keys.
5. Based on 25°C ambient temperature and unit not in direct sunlight.
6. Based on an operator push force of less than 50% of rated.
7. Based on double kit excluding Infrared Safety Beams.
8. Multiple buttons per remote can be used.
9. Single kit contains one operator and Wall Box.
10. Double kit contains two operators and one Wall Box.
11. Double kit contains two boxes with a height of 270mm each.

MINIMUM INSTALLATION REQUIREMENTS

Gate opening 90° or less



Operator	Wall (Min)[1]	Pillar (Max)[2]
V-SERIES 300 SMΔRT+	200mm	90mm
V-SERIES 400 SMΔRT+	200mm	165mm
V-SERIES 500 SMΔRT+	200mm	245mm

1. The typical minimum wall clearance required to fit the operator.
2. The maximum allowable pillar thickness on which to fit the operator.

INSTALLATION INFORMATION

Allowable Gate Mass

Maximum Allowable Gate Mass for V-SERIES 300 SMΔRT+ Operator

Gate swing angle	Up to 1.5m	Up to 2m	Up to 2.5m	Up to 3m[1]	Up to 3.5m[1]	Up to 4m[1]
90°	350kg	350kg	335kg	230kg	N/A	N/A
100°	350kg	350kg	335kg	230kg	N/A	N/A

1. For gate leaves in excess of 2.5m, an electric lock must be fitted to secure gate in closed position.

Maximum Allowable Gate Mass for V-SERIES 400 SMΔRT+ Operator

Gate swing angle	Up to 1.5m	Up to 2m	Up to 2.5m	Up to 3m[1]	Up to 3.5m[1]	Up to 4m[1]
90°	500kg	500kg	500kg	360kg	260kg	200kg
100°	500kg	500kg	388kg	160kg	190kg	150kg
110°	500kg	306kg	198kg	130kg		
120°	180kg	100kg	65kg			

1. For gate leaves in excess of 2.5m, an electric lock must be fitted to secure gate in closed position.

Maximum Allowable Gate Mass for V-SERIES 500 SMΔRT+ Operator

Gate swing angle	Up to 1.5m	Up to 2m	Up to 2.5m	Up to 3m[1]	Up to 3.5m[1]	Up to 4m[1]
90°	750kg	750kg	750kg	550kg	410kg	310kg
100°	750kg	750kg	600kg	420kg	310kg	230kg
110°	750kg	500kg	320kg	220kg		
120°	310kg	170kg	110kg			

1. For gate leaves in excess of 2.5m, an electric lock must be fitted to secure gate in closed position.

Wind Loading

V-SERIES 300 SMΔRT+ MAXIMUM OPENING SPEED

Gate length	1.5m	2m	2.5m	3m	3.5m	4m
Gate height	1.8m	1.8m	1.8m	1.8m	N/A	N/A
Allowable wind speed 25% clad(km/h)[1]	105	78	62	52	N/A	N/A
Allowable wind speed 100% clad (km/h)[1]	52	39	31	26	N/A	N/A

1. Gate opening and closing times will increase as wind speeds increase.

V-SERIES 400 SMΔRT+ MAXIMUM OPENING SPEED

Gate length	1.5m	2m	2.5m	3m	3.5m	4m
Gate height	1.8m	1.8m	1.8m	1.8m	1.8m	1.8m
Allowable wind speed 25% clad(km/h)[1]	122	91	72	60	52	46
Allowable wind speed 100% clad (km/h)[1]	61	45	36	30	26	23

1. Gate opening and closing times will increase as wind speeds increase.

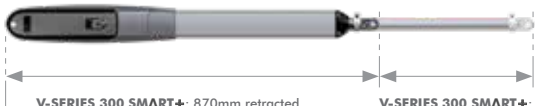
V-SERIES 500 SMΔRT+ MAXIMUM OPENING SPEED

Gate length	1.5m	2m	2.5m	3m	3.5m	4m
Gate height	1.8m	1.8m	1.8m	1.8m	1.8m	1.8m
Allowable wind speed 25% clad(km/h)[1]	134	100	79	67	58	51
Allowable wind speed 100% clad (km/h)[1]	67	50	39	33	29	25

1. Gate opening and closing times will increase as wind speeds increase.

OVERALL DIMENSIONS

V-SERIES 300 SMΔRT+: 1170mm extended
V-SERIES 400 SMΔRT+: 1370mm extended
V-SERIES 500 SMΔRT+: 1570mm extended



V-SERIES 300 SMΔRT+: 870mm retracted
V-SERIES 400 SMΔRT+: 970mm retracted
V-SERIES 500 SMΔRT+: 1070mm retracted

V-SERIES 300 SMΔRT+: 300mm stroke
V-SERIES 400 SMΔRT+: 400mm stroke
V-SERIES 500 SMΔRT+: 500mm stroke

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Call: 09 263 6967 (Auckland) or 03 318 1211 (Christchurch) to order or to find out more
Technical Support Email: technical@aero.net.nz
Monday - Friday: 08h00 - 16h00 & Saturday: 08h00 - 14h00
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