CENTURION



Wi-Fi

D20 SMART+

INDUSTRIAL SLIDING GATE OPERATOR

SMART+

Always On. Always Connected. Always Communicating.

A BRAND OF FAAC TECHNOLOGIES

ISO 9001:2015 | DESIGNED AND BUILT 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, wasting time and travel.

SMΔRT+ changes everything

Installers can now configure settings, view device health, live status, logs, and I/Os remotely before a callout. 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+

SMΔRT+

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
- Get anti-tamper notifications
- Stay informed with real-time alerts



WHAT DISTINGUISHES THE D20 SMΔRT+?

The **D20 SMΔRT+** is the heavy-duty industrial sliding gate operator in the **SMΔRT+** range, built for demanding commercial and industrial entrances where consistent uptime matters.

- **Industrial muscle, built for heavy gates:** Handles sliding gates weighing up to 2000kg and 25m in length, giving you the drive capability needed for large industrial installations
- **Built for high-volume sites:** Capable of running up to 750 daily operations, the **D20 SMΔRT+** is the ideal solution for entrances with continuous vehicle movement
- **Higher battery capacity:** The **D20 SMΔRT+** offers a powerful 24V battery-driven system, helping to keep access moving when mains power is unavailable
- **Further expanded accessories integration flexibility:** Featuring six inputs/outputs - Four low-current, including two high-current input/outputs for devices with higher-draw specifications, such as the SMΔRT Siren and GLX900

FEATURES:

- **Gate capability:** Up to 2000kg gate mass; up to 25m gate length
- **Gate speed (varies with load):** Up to 18m/min
- **13-tooth steel pinion:** Reliable movement for heavy industrial gates
- **Maximum number of operations per day:** 750
- **Motor voltage:** 2 x 12V 7Ah battery-driven
- **Connectivity:** Smartphone/app control over 2.4 GHz wireless
- **Further expanded accessories integration:** 6 available inputs/outputs
- **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.

- **The D20 SMΔRT+ continues to operate for longer without mains power:** The 24V 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
- **Keeping heavy gates moving:** The 13-tooth steel pinion helps the **D20 SMΔRT+** move smoothly and consistently, even through heavy daily traffic
- **Configurable I/Os for smarter control:** the **D20 SMΔRT+** gives you six configurable I/O channels (four low-current, two high-current) allowing you full customisation of your gate for optimal versatility. Integrated CENTURION solutions like Photon SMΔRT safety beams, SMARTGUARDair keypad, G-SPEAK ULTRA intercom, and add-ons like a SMΔRT 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.

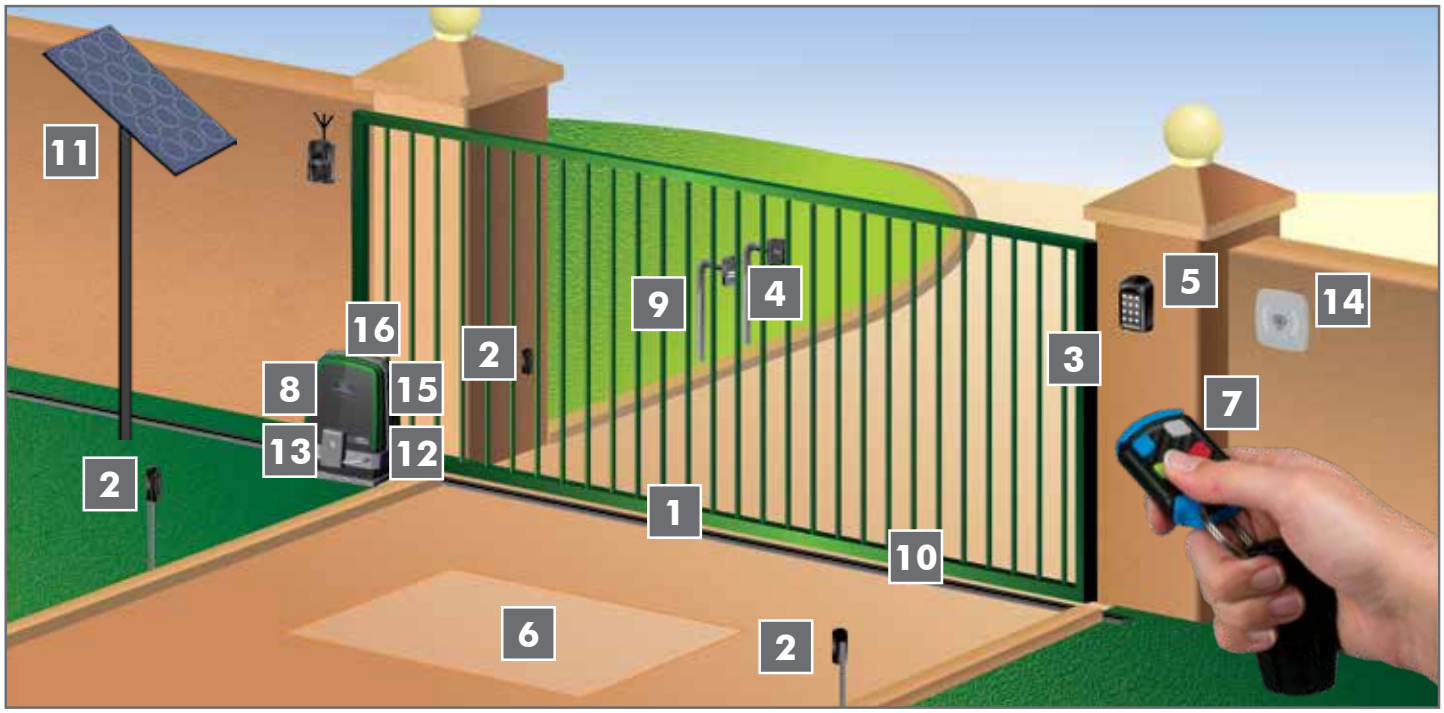
DOWNLOAD OUR MOBILE APPLICATIONS for a SMΔRT experience

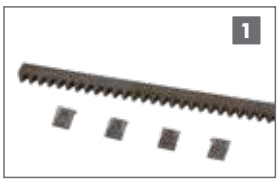
Download on the App Store | Get it on Google play | EXPLORE IT ON AppGallery

Works with Apple CarPlay | Works with Android Auto

*Remote functionality requires an active internet connection

ACCESSORIES





Steel Rack
Steel rack is available in different lengths to accommodate any gate



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



P36
Passive sensitive edge provides additional protection against crushing



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



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



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



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



Theft-Deterrent Cage & Padlock
Patented design provides excellent deterrence against theft, tampering and vandalism



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



Wheel Kits
A variety of wheel kits are available from your CENTURION dealer



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



SMΔRT PowerPack
Power unwavering gate performance for busy sites. Run your gate directly from mains. Optional battery backup for added flexibility



Low-Voltage Charger
Enjoy a safe, reliable and cost-effective way to power your gate operator and enjoy outstanding performance and exceptional flexibility

TECHNICAL SPECIFICATIONS

Technical Data	D20 SMΔRT+	
Input voltage[1]	100V - 240V AC @ 50/60Hz	
Current consumption (Mains)	590mA	
Battery charger current output	1.8A@ 27.6V +/-5% (52W)	
Maximum number of operations per day[3,6]	750	
Duty cycle - Mains present[2,3]	45%	
Motor voltage	24V DC	
Motor power supply[5]	Battery-driven (Standard Capacity - 2x12V 7Ah)	
Current consumption (motor at rated load)	9A	
Input / Output sink currents (Max accessory current draw)		
I/O 1-4	100mA (12/24V)	
I/O 5 and 6	3A (12/24V) 10sec Pulse	
Fuse Protection	Type	Rating
Main Control Card	Serviceable	35A Mini ATO
Aux. Supply	Resetable Fuse	24V 3A (10sec Pulse)
Charger (Mains Supply)	Non-serviceable	3A slow-blow
Motor push force - starting	52kgf	
Motor push force - rated	39kgf	
Gate mass - maximum[8]	2000kg	
Gate length - maximum[8]	25m	
Gate speed (varies with load)[4]	Max	Rated
	Up to 18m/min	Up to 16m/min
Manual Override	Lockable lever with key release	
Drive Pinion	13T Module 4	
Operations whilst in battery backup mode (7.2Ah batteries)	Power Saving 15m/min 20kgf	Normal 18m/min 20kgf
Half day[1,2,3]	101	55
Full day[1,2,3]	80	45
Collision Sensing	Electronic	
Operating temperature range	-15°C to +50°C	
Onboard receiver type	Code-hopping multichannel receiver with selective add and delete	
Connectivity	Smartphone/app control over 2.4GHz wireless	
Receiver code storage capacity[7]	1500 Remotes	
Receiver frequency	433.92MHz	
Degree of protection	IP54	
Mass of unit packed (with standard kit, but excl. rack and battery)	13kg	
Packaging dimensions (with standard kit, but excl. rack and battery)	350mm wide x 282mm deep x 470mm high	

1. Can operate off a solar supply, consult your local dealer for assistance.
2. Based on 25°C ambient temperature and unit not in direct sunlight.
3. Based on a motor push force of less than 50% of rated (Starting and Running forces).
4. Gate opening and closing speeds can be configured to run slower depending on the requirements of individual installations.
5. Can increase battery capacity for longer standby times.
6. Based on 4m gate, excluding all accessories.
7. Multiple buttons per remote can be used.
8. Dependent on push force.

OVERALL DIMENSIONS



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
E&OE. Centurion Systems (Pty) Ltd reserves the right to change any product without prior notice.