



D20 SMART+

INDUSTRIAL SLIDING GATE OPERATOR

SMART+

Always On. Always Connected. Always Communicating.



DOWNLOAD OUR MOBILE APPLICATIONS for a SMART experience!



A BRAND OF FAAC TECHNOLOGIES



SMART+ ECOSYSTEM

END-USER

INSTALLER



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.

SMART+ 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+

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

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 SMART+?

The **D20 SMART+** is the heavy-duty industrial sliding gate operator in the **SMART+** 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 SMART+** is the ideal solution for entrances with continuous vehicle movement
- **Higher battery capacity:** The **D20 SMART+** 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 **SMART 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
- **Wireless communication:** BLE and Wi-Fi
- **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

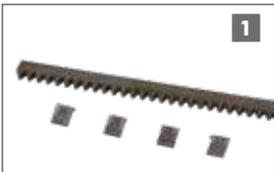
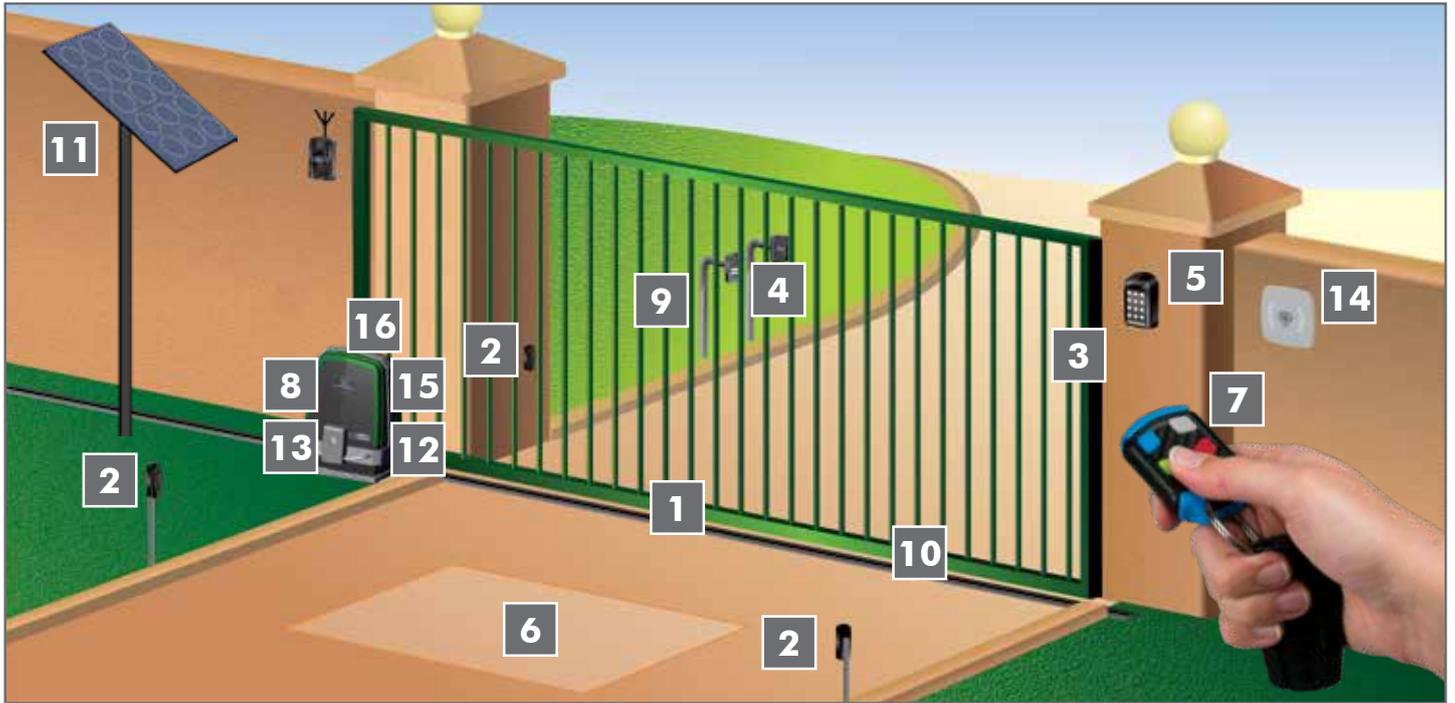
END-USERS

For the end-user that values it all.

- **The D20 SMART+ 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 SMART+** move smoothly and consistently, even through heavy daily traffic
- **Configurable I/Os for smarter control:** the **D20 SMART+** 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 **SMART** safety beams, **SMARTGUARDair** keypad, **G-SPEAK ULTRA** intercom, and add-ons like a **SMART Siren**, courtesy lighting, or the **GLX900** electric gate lock

D20 SMART+

ACCESSORIES



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



Photon SMART Safety Beams
Fully-wireless infrared beams. Always recommended on any SMART and SMART+ 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



SMARTGUARD or SMARTGUARDair 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 SMART Sirens
Both wired and wireless SMART Sirens designed to integrate with the existing SMART and SMART+ gate and garage door operators



SMART 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 SMART+	
Input voltage	110V - 240V AC @ 50/60Hz ¹	
Current consumption (Mains)	590mA	
Battery charger current output	1.8A@ 27.6V +/-5% (52W)	
Maximum number of operations per day	750 ^{3,6}	
Duty cycle - Mains present ^{2,3}	45%	
Motor voltage	24V DC	
Motor power supply	Battery-driven (Standard Capacity - 2x12V ⁵ 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	Resettable 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	2000kg ⁸	
Gate length - maximum	25m ⁸	
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	
Wireless Communication	BLE and Wi-Fi (2.4Ghz)	
Receiver code storage capacity	1500 Remotes ⁷	
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	

- Can operate off a solar supply, consult your local dealer for assistance.
- Based on 25°C ambient temperature and unit not in direct sunlight.
- Based on a motor push force of less than 50% of rated (Starting and Running forces).
- Gate opening and closing speeds can be configured to run slower depending on the requirements of individual installations.

- Can increase battery capacity for longer standby times.
- Based on 4m gate, excluding all accessories.
- Multiple buttons per remote can be used.
- Dependent on push force.

OVERALL DIMENSIONS

