



CENTSYS



D6 SMART

COMMERCIAL SLIDING GATE OPERATOR

SMART.
The intelligent choice



A BRAND OF
FAAC TECHNOLOGIES





**SMART ACCESS
TO YOUR BUSINESS**



INTELLIGENT SECURITY FOR YOUR GATE

Our brand essence is "making lives easier" and, with the **D6 SMART**, we believe that we have created a product that is the very embodiment of this.

Taking what we've learned through more than 35 years of being the market leader in access automation, we are bringing you a solution that gives you everything from intelligent reporting to easy mobile-based

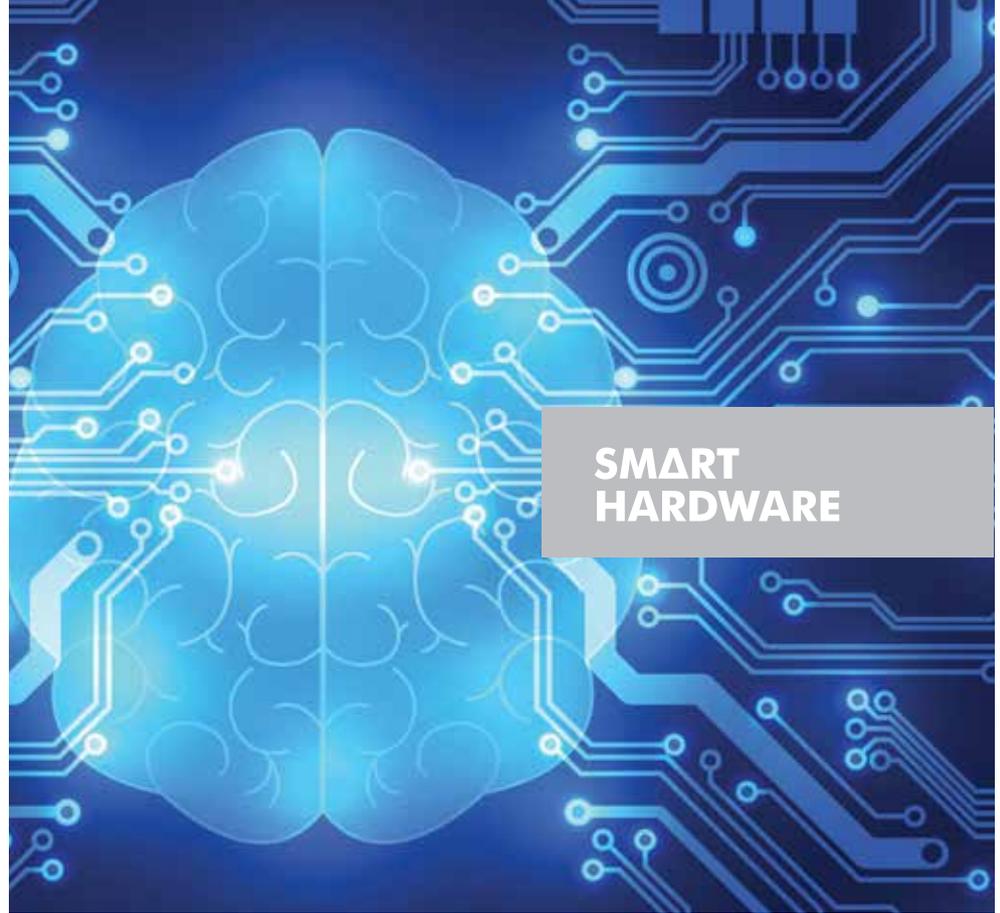
setup and operation, as well as time-saving installation thanks to **SMART** hardware.

With unsurpassed convenience and control at your fingertips, you'll love using the **D6 SMART**.

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SMART.
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*Fast-thinking and fast-moving, the **D6 SMART** is here to change the way you think about gate motors. It's time for your gate to move with the times – after all, why settle for average when you can go SMART?*



SMART HARDWARE

MAIN FEATURES

Speed and safety

Pushing the limits of technology and the various safety factors around speed, the **D6 SMART** can reach an impressive top speed of up to 36 metres per minute, striking the perfect balance between security and safety.

SMART hardware

A lot of thought has gone into ensuring that the **D6 SMART** is not only exceptionally good-looking, but provides the best experience for installers and end-users alike.

The **D6 SMART**'s mechanical design includes:

- Excellent cable management for an installation that is both neat and flexible

- SMART height adjustment ensuring a correct installation is easily achieved

- Easy access to bolts

- Ingenious component assembly literally clicks together in a neat and sturdy manner

- Two dedicated accessory trays hold accessories firmly in place and provide quick and easy access to wiring

Intelligent logging and reporting

The **D6 SMART** provides intelligent feedback on your operator's overall functioning and reports on events such as the last remote pressed, the condition of the battery, gate status as well as the speed at which the gate is running, delivering maximum peace of mind and giving you the SMART experience.

And your installer will love the **D6 SMART**, too! By capturing advanced technical data, the installer will have quick access to system diagnostics, saving them considerable time and effort and enabling them to do their job more efficiently.

Effortless and wireless

Fast-thinking and fast-moving, **D6 SMART** is here to change the way you think about gate motors. It's time for your gate to move with the times – after all, why settle for average when you can go SMART?

This is gate automation like you've never experienced it.

For installers, the MyCentsys Pro app makes setting up and configuring the operator's many



features an absolute breeze. Set the gate limits, speed, automatic closing and unique profiles for everyone using the gate, with just a few taps.

Advanced diagnostics

The **D6 SMART** makes your life easier by boasting advanced diagnostic features, measuring and monitoring most aspects of the operator's health, including:

- Controller hardware
- Battery charger
- Electric motor
- Override sensor
- Optional origin sensor
- Battery condition under load
- External accessories connected to the **D6 SMART**

A new way to control your gate

Operate wirelessly with CENSYS and SMART. The deftly-designed and expertly-configured MyCentsys Remote mobile app works seamlessly with your **D6 SMART** operator and puts gate access within reach at all times.

Store your preferences and navigate your gate's operation with ease, enjoying more flexibility, convenience and control.

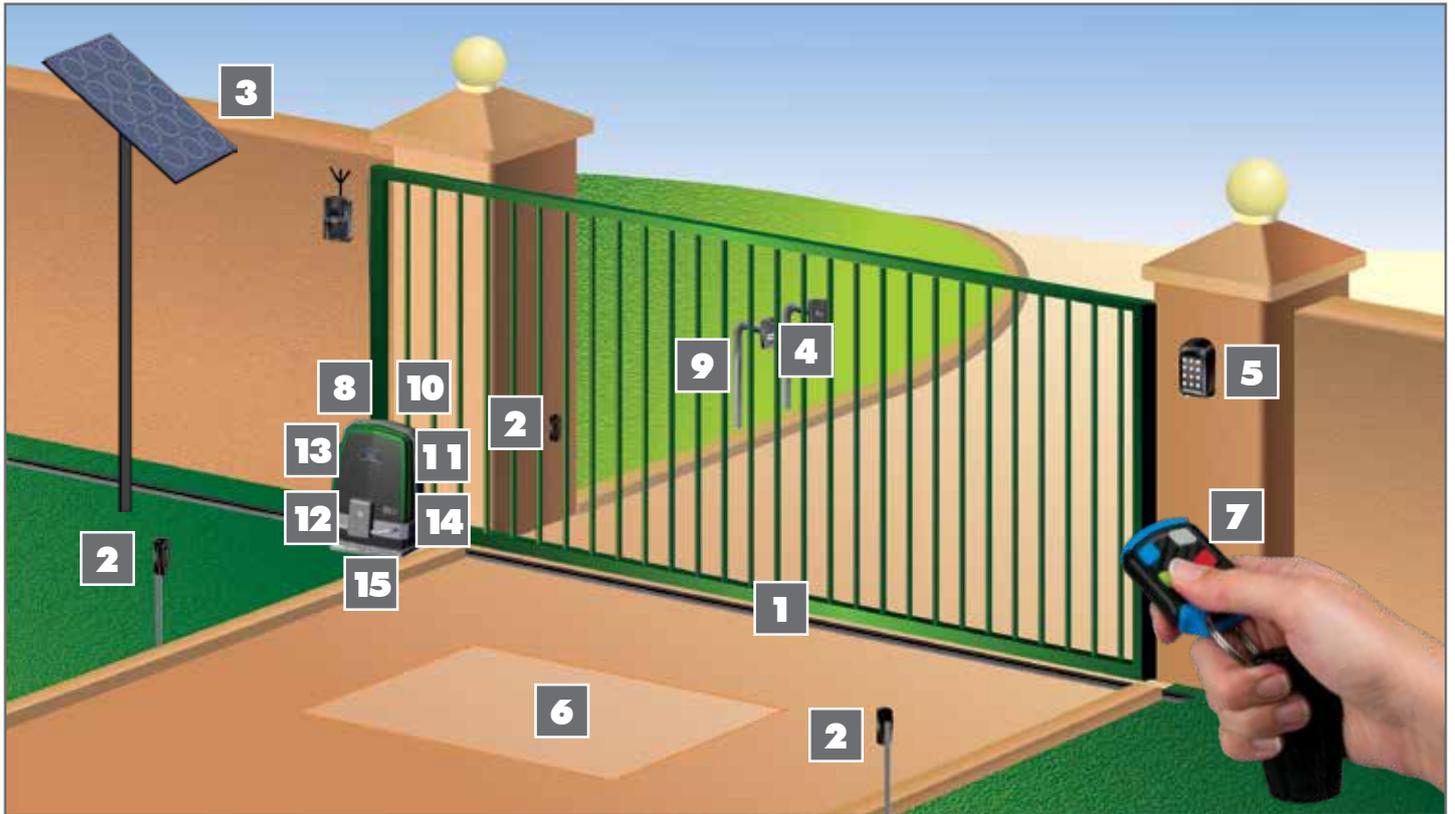
What else?

The **D6 SMART** boasts a staggering array of cutting edge-features, making it a gate access solution in a class of its own.

Here are the highlights:

- New and improved theft-resistant cage with a patented design offering outstanding security and peace of mind
- Vibration sensor that can be connected to a third party device to notify you in the event that the gate motor is being tampered with
- Intelligent battery charger with onboard diagnostics and SMART communication between the charger and the controller
- Improved position control system incorporating Hall Effect technology – highly resistant to interference
- Individually-configurable inputs and outputs
- Convenient and intuitive single-action manual release
- Reliable battery-driven technology delivering more operations during power outages

ACCESSORIES



1 Steel Reinforced Nylon Rack
Keeps sliding gates running smoothly - reinforced for added strength and performance



2 Photon SMART PE Beams
Fully-wireless PE safety beams. Always recommended on any SMART automated installation



3 Solar Supply
Alternative means of powering the system - consult your CENTSYS dealer



4 Metal Gate Station
Communication hub for the G-SPEAK ULTRA GSM intercom - stylish and strong metal enclosures, available in one-, two- and four-button variants



5 SMARTGUARD or SMARTGUARDair Keypad
Cost-effective and versatile wired and wireless keypad, allowing access to users with a customised code



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



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



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



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



10 12V-24V SMART Siren
The ultimate security companion, designed to seamlessly integrate with your existing SMART gate and garage door operators (not shown in diagram)



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



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



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



14 Low-voltage Power Supply
If 240V power at the gate is not feasible, this optional low-voltage power supply kit is a simple, cost effective option



15 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	D6 SMART
Input voltage	110V - 240V AC 50/60Hz ¹ or; Low-voltage 16V AC or; Solar Power
Current consumption (Mains)	430mA
DX1 Battery charger current output	1.3A@ 27.6V +/-5% (38W)
Maximum number of operations per day	150
Motor voltage ⁵	24V DC
Motor power supply	Battery-driven (Standard Capacity - 2x12V)
Current consumption (motor at rated load)	13A
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
Motor push force - starting	30kgf
Motor push force - rated	17kgf
Gate mass - maximum	600kg
Gate length - maximum	100m
Gate speed (varies with load) ⁴	Up to 36m/min / 600mm/sec @ 17kgf
Manual Override	Lockable with key release
Operations whilst in battery backup mode with 7.2Ah batteries	
Half day ^{5,6}	209 (Power Saving) / 102 (Normal)
Full day ^{5,6}	183 (Power Saving) / 79 (Normal)
Collision Sensing	Electronic
Operating temperature range	-15°C to +50°C
Onboard receiver type	Code-hopping multichannel receiver with selective add and delete
Receiver code storage capacity	1500 Remotes ⁷
Receiver frequency	433.92MHz
Degree of protection	IP55
Mass of unit packed (with standard kit, but excl. rack and battery)	9.1kg
Packaging dimensions (with standard kit, but excl. rack and battery)	325mm wide x 244mm deep x 445mm 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

OVERALL DIMENSIONS

