



D5 SMART

LIGHT INDUSTRIAL SLIDING GATE OPERATOR

SMART.

The intelligent choice





**SMART ACCESS
TO YOUR HOME**

INTELLIGENT GATE AUTOMATION

Our brand essence is “making your life easier” and, with the D5 SMART, we believe that we have created a product that is the very embodiment of this.

Taking what we’ve learned through more than 30 years of being a 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

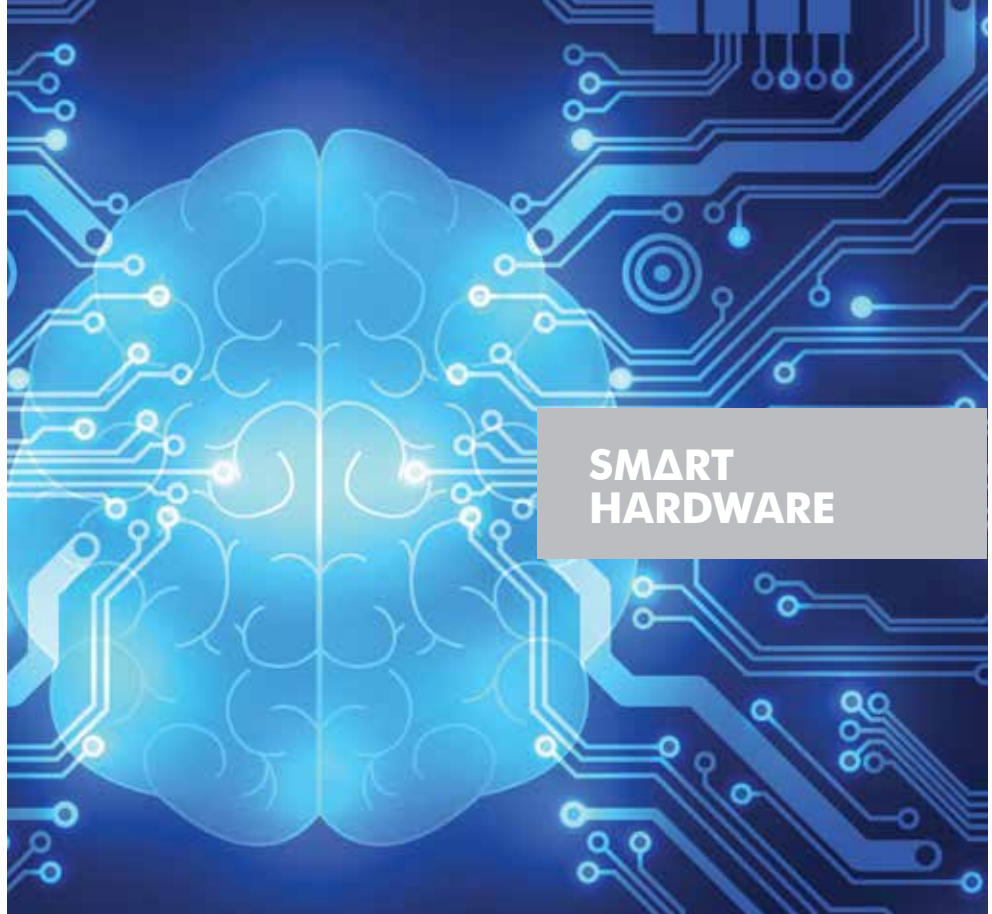
installation thanks to SMART hardware.

With unsurpassed convenience and control at your fingertips, you’ll love using the D5 SMART.

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*What makes the **D5 SMART** so smart? Well, lots of things, but wireless convenience is where this operator really shines!*



SMART HARDWARE

MAIN FEATURES

Speed and safety

Pushing the limits of technology and the various safety factors around speed, the **D5 SMART** can reach an impressive top speed of up to 36 meters per minute, striking the perfect balance between security, convenience and safety.

SMART hardware

A lot of thought has gone into ensuring that the **D5 SMART** is not only exceptionally good-looking, but provides the best experience for installers and end-users alike.

The **D5 SMART**'s mechanical design was inspired by installer-friendly considerations and 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 **D5 SMART** provides intelligent feedback on your operator's overall functioning and reports on events such as the last remote control button 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 installers will love the **D5 SMART**, too! By capturing advanced technical data, installers will have quick access to system diagnostics, saving him considerable time and effort and enabling them to do their job more efficiently.

Effortless and wireless

What makes the **D5 SMART** so smart? Well, lots of things, but wireless convenience is where this operator really shines!

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.



SMART ADVANCED DIAGNOSTICS

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

Advanced diagnostics

The **D5 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 **D5 SMART**

What else?

The **D5 SMART** is so advanced that we could probably fill a couple of pages but, in the spirit of making your life easier, here are the highlights:

- New and improved theft- and vandal-resistant cage with a patented design offering outstanding security and peace of mind
- Vibration sensor that can be connected to an optional 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 gate speed 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 backup delivering more operations

ACCESSORIES



Gate Safety Infrared PE beams

Always recommended on any gate automation installation



WiZo-Link module

Wireless input-output module using mesh network technology creating fully-wireless connections between devices



SMARTGUARD or SMARTGUARDair keypad

Cost-effective and versatile wired and wireless keypad, allowing access to pedestrians



FLUX SA Loop Detector

Allows free-exit of vehicles from the property - requires ground loop to be fitted



CENTSYS transmitters

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



Theft-resistant cage & padlock

Retro-installable steel cage that increases the resistance of the operator against theft



Gooseneck

Steel pole for mounting intercom gate station or access control reader



Solar supply

Alternative means of powering the system - consult your CENTSYS dealer



G-ULTRA GSM device

The ultimate new GSM solution for monitoring and activating the operator via your mobile phone



CELLULAR INTERCOM

Infused with the DNA of innovation, the G-SPEAK ULTRA allows wireless communication between the user and the intercom gate station, effectively turning the user's phone into the intercom handset



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

TECHNICAL SPECIFICATIONS

Technical Data	D5-SMART
Input voltage ¹	90V - 240V AC +/-10% @ 50Hz
Current consumption (Mains)	200mA
DX1 Battery charger current output	1.3A
Duty cycle - Mains present ^{2,3}	Continuous
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	500kg
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

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.

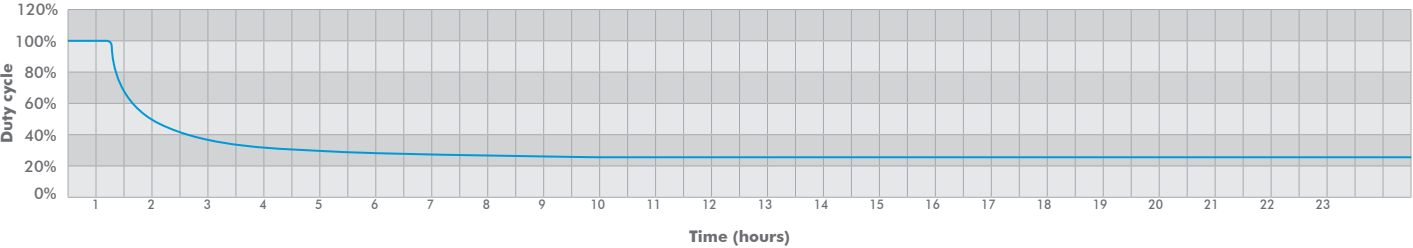
Gate opening and closing speeds can be configured to run slower depending on the requirements of individual installations
5.

Based on 7Kgf. Gates requiring up to 17Kgf will result in fewer operations
6.

Based on 4m gate, excluding all accessories
7.

Multiple buttons per remote can be used

D5 SMART single operator duty cycle as a function of operating time



OVERALL DIMENSIONS

