

STAFIXTM
SECURITY CENTRES



GATE AUTOMATION SYSTEMS



Open, close. Let in. Keep out.
CENTURION takes care of it all.

www.stafix.co.za



**SMART ACCESS
TO YOUR HOME**

TAKE YOUR HOME SECURITY AND CONVENIENCE TO THE NEXT LEVEL WITH CENTURION SYSTEMS' INNOVATIVE D3 SMART AND D5-EVO SMART GATE MOTORS

Our cutting-edge domestic and residential access solutions offer a perfect blend of intelligent features, reliable performance, and user-friendly design, catering to both budget-conscious homeowners and those seeking a powerful upgrade.

Choose from two exceptional options:

D3 SMART

Bringing Innovation to Every Entryway

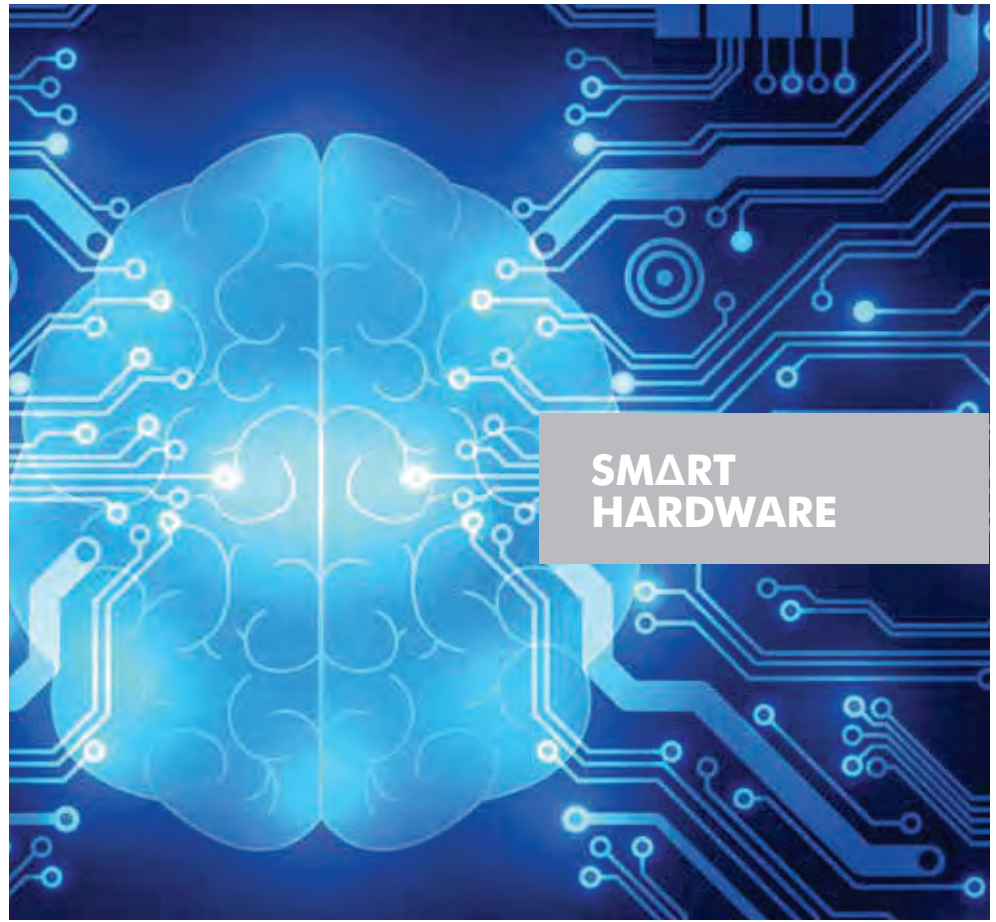
Experience the **D3 SMART**, a gate motor that embodies the philosophy of **simplicity being the pinnacle of sophistication**. This solution provides premium performance and smart features at an accessible price point, making secure and reliable gate automation attainable for everyone.

Here's why you'll love the D3 SMART:

- **Fast and Secure:** Open your gate in a flash, keeping unwanted visitors at bay

- **Smart Control:** Manage your gate with maximum convenience and flexibility with the user-friendly smartphone app
- **Easy Installation:** Saving installers time and effort with the industry-leading design
- **Reliable Performance:** Never miss a beat with dependable battery-driven technology
- **Intelligent Features:** Advanced alerts, notifications and reporting keep you informed and in control
- **Peace of Mind:** Enjoy outstanding security with the improved theft-resistant cage
- **Convenient Commissioning and Operation:** Effortless smartphone setup and single-action manual release
- **Wireless, Effortless Safety:** Compatible with Photon SMART Beams for a complete wireless experience

*Upgrade your security without breaking a sweat. Choose the **D3 SMART** gate motor, the smart choice for every home.*



D5-EVO SMART

The Evolution of Strength and Performance

The iconic D5-EVO, reimagined.

The gate motor synonymous with reliability and performance just got smarter. Introducing the **D5-EVO SMART**, powered by award-winning technology and designed to enhance your security experience.

More than just an upgrade, it's an evolution.

The **D5-EVO SMART** retains the legendary strength and dependability of its predecessor, now enhanced with intelligent features that put you in complete control. Enjoy effortless smartphone control, advanced diagnostics for ultimate peace of mind, and dependable battery-driven technology that keeps you protected even during power outages.

Unleash the power of SMART:

- **Seamless Control:** Manage your gate with maximum convenience, control and flexibility with the user-friendly smartphone app
- **Intelligent Insights:** Advanced notifications, alarms, monitoring and reporting keep you informed and in control

- **Uninterrupted Security and Convenience:** Dependable battery-driven technology ensures seamless operation even during power outages
- **Effortless Setup:** Wireless configuration and smartphone control make installation a breeze
- **Enhanced Security:** The improved theft-resistant cage and advanced position control system offer unparalleled peace of mind
- **Ultimate Versatility:** Individually-configurable inputs and outputs allow for harmonious integration with your SMART ecosystem

The D5-EVO SMART is a statement. It's a monument of innovation, a commitment to security, and an assurance of peace of mind.

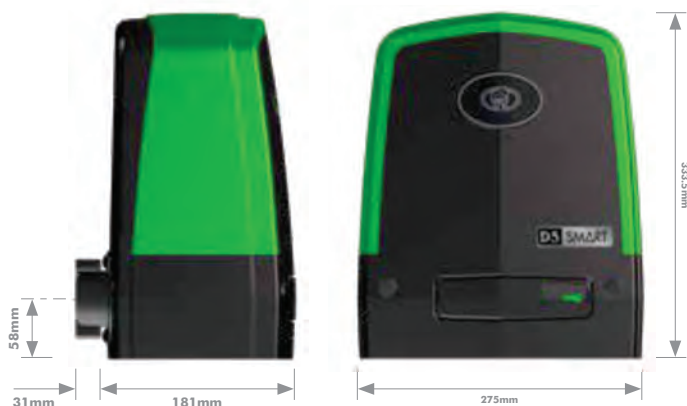
Experience the future of gate control, powered by the legacy of the D5-EVO.

TECHNICAL SPECIFICATIONS

Technical Data	D3 SMART		D5-EVO SMART	
Input voltage	110V - 240V AC 50/60Hz ¹			
Current consumption (Mains)	320mA peak			
DX12V Battery charger current output	1.8A @ 14.3V +/- 5% (28W)			
Maximum number of operations per day	20 ^{3,6}		150 ^{3,6}	
Duty cycle - Mains present ^{2,3}	25%		50%	
Motor voltage	12V DC			
Motor power supply	Battery-driven (Standard Capacity - 1x 12V)			
Current consumption (motor at rated load)	11A		15A	
Input / Output sink currents (Max accessory current draw)				
I/O 4 and I/O 5	-		100mA (12V)	
O6	-		3A (12V) 10sec Pulse	
Motor push force - starting	18kgf		30kgf	
Motor push force - rated	12kgf		17kgf	
Gate mass - maximum	300kg		500kg	
Gate length - maximum	10m		20m	
Gate speed (varies with load) ⁴	Maximum	Up to 24m/min	Maximum	Up to 24m/min
	Rated	Up to 21m/min	Rated	Up to 19m/min
Manual Override	Lockable with key release			
Operations whilst in Battery backup mode with 7.2Ah Battery	Operating Modes			
	Up to 24m/min 7kgf	Up to 24m/min 12kgf	Up to 24m/min 7kgf	Up to 18m/min 17kgf
Half day ^{5,6,8}	90	80	90	44
Full day ^{5,6,8}	70	65	70	35
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	32 Remotes ⁷		1500 Remotes ⁷	
Receiver frequency	433.92MHz			
Degree of protection	IP55			
Mass of unit packed (with standard kit, but excl. Rack and Battery)	6.7kg		7.1kg	
Packaging dimensions (with standard kit, but excl. Rack and Battery)	325mm wide x 245mm deep x 395mm 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
- Dependant on the type and condition of the Battery

OVERALL DIMENSIONS¹



- The D3 SMART and D5-EVO SMART have the same dimensions.



**SMART ACCESS
TO YOUR HOME**

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

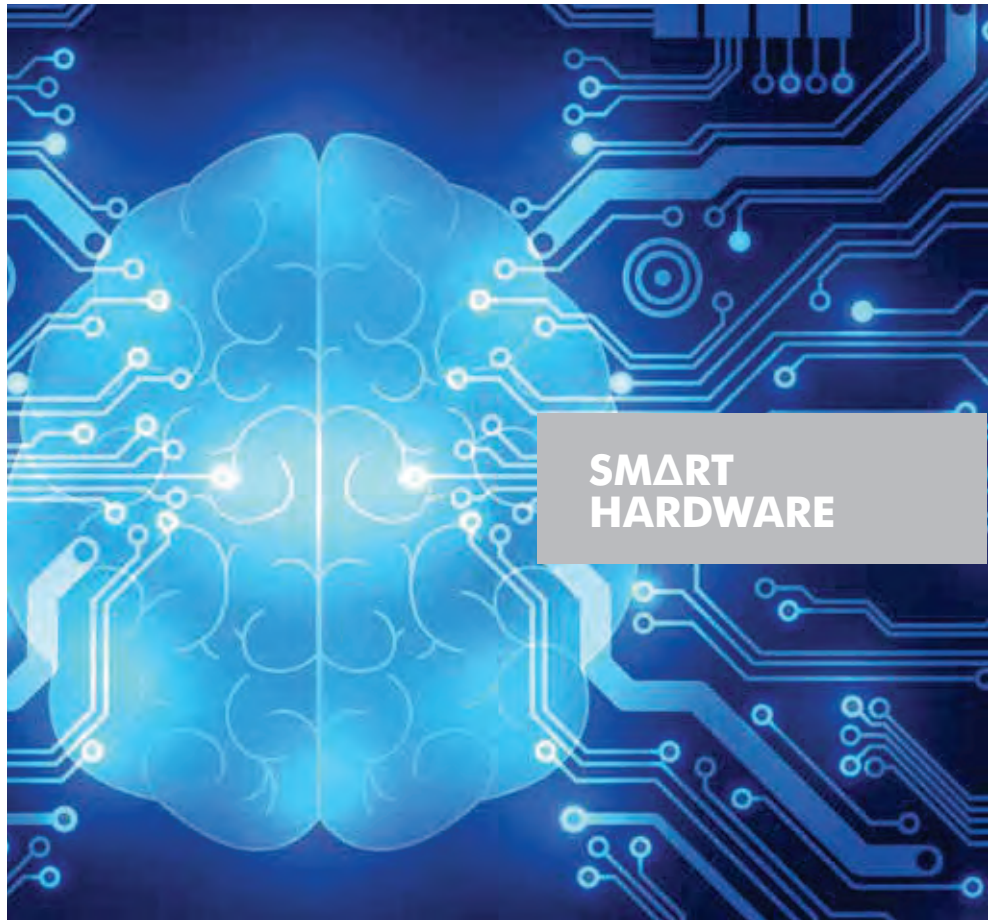
setup and operation, as well as time-saving installation thanks to SMART hardware.

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

D6 SMART

SMART.
The intelligent choice.

*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?*



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.



SMART ADVANCED DIAGNOSTICS

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 CENTURION 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

TECHNICAL SPECIFICATIONS

Technical Data		D6 SMART
Input voltage		110V - 240V AC 50/60Hz ¹
Current consumption (Mains)		430mA
DX1 Battery charger current output		1.3A@ 27.6V (+/-5%), 38W
Maximum number of operations per day		150
Duty cycle - Mains present ^{2,3}		50%
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 @ 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

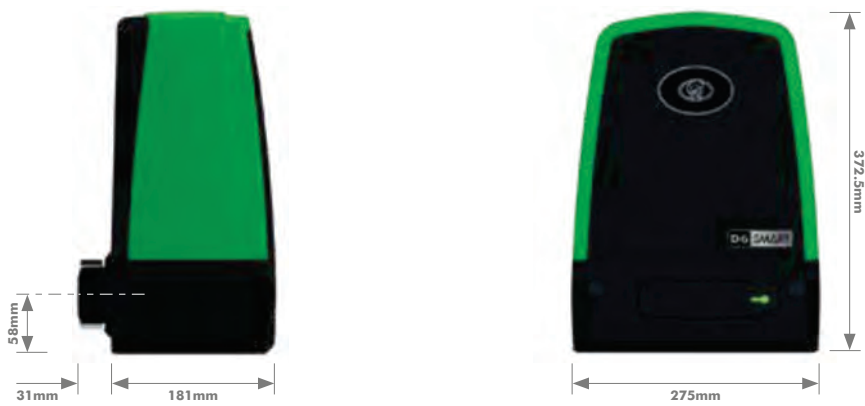
3. Based on a motor push force of less than 50% of rated (Starting and Running forces)

4. Gate opening and closing speeds can be configured to run slower depending on the requirements of individual installations
5. Can increase battery capacity for longer standby times

6. Based on 4m gate, excluding all accessories

7. Multiple buttons per remote can be used

OVERALL DIMENSIONS





SMART ACCESS TO YOUR HOME OR BUSINESS

INTELLIGENT SECURITY FOR YOUR GATE

The legendary high-volume performer.
The powerhouse of heavy-duty access control.
The intelligent choice in commercial and industrial gate automation.

With its powerful 24V motor and die-cast aluminium gearbox, the **D10 SMART** sliding gate motor packs a potent punch, providing excellent security on sites ranging from townhouse complexes and residential estates to busy office parks and warehouse facilities.

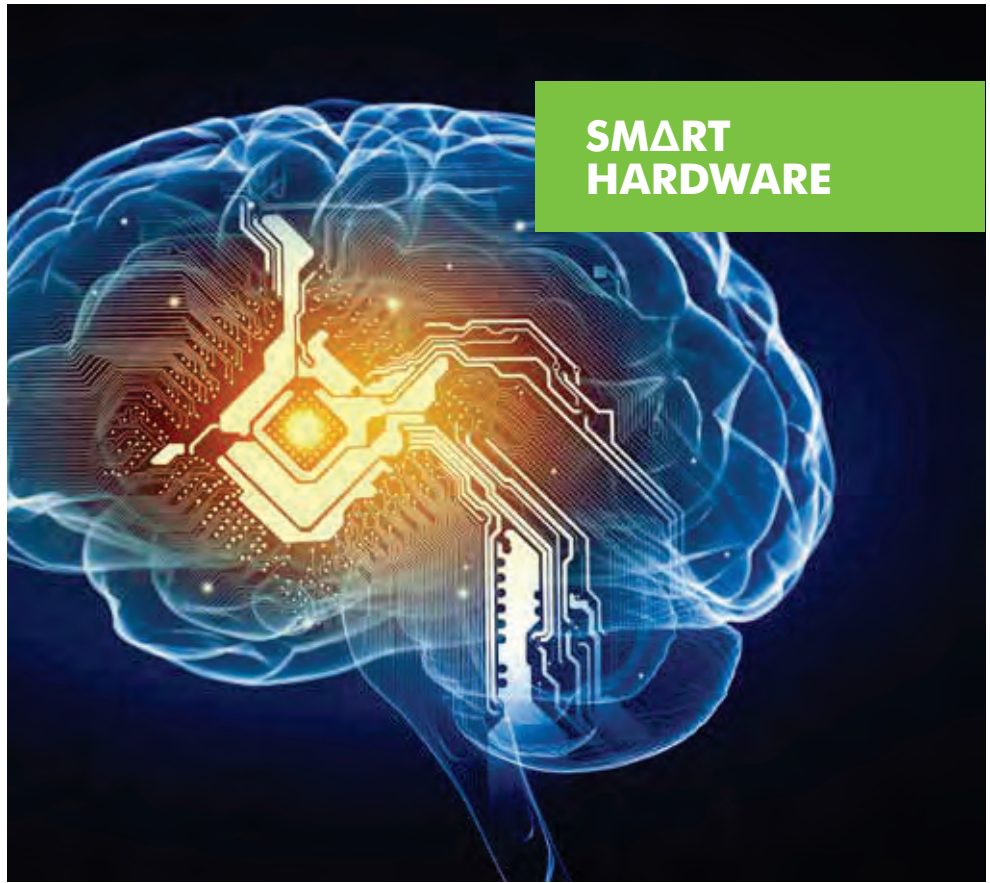
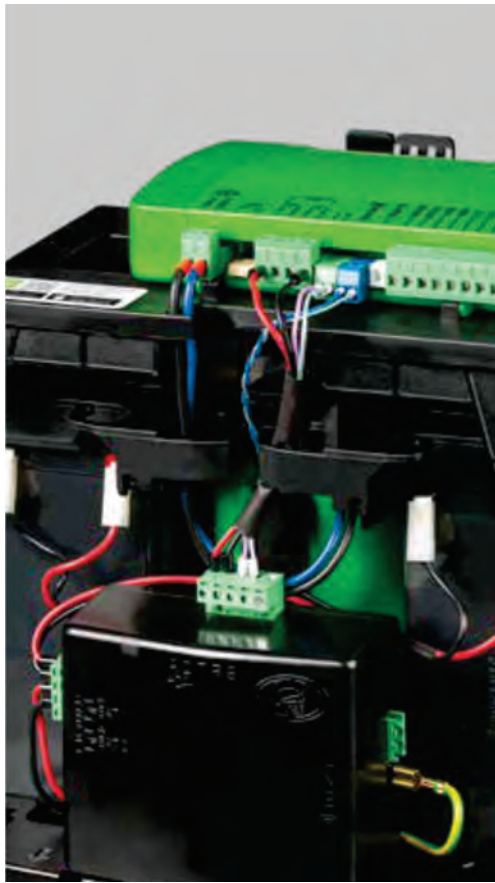
Level up with the lightning-fast **D10 Turbo SMART**, the perfect solution for sites requiring high levels of security and capable of moving a gate weighing up to 250kg at a blistering speed of up to 45 meters per minute.

Both operators use a battery-driven high-torque DC motor, coupled to a robust gearbox to provide an automation system that is quick, powerful and battery backed-up – perfect for industrial and commercial applications where heavy gates are installed and reliability is a must.

And now – you can have speed, security, endurance and reliability, quicker and easier than with any other gate motor in the D10's class, thanks to **SMART** technology and wireless connectivity.

Use the tie-in MyCentsys Pro installer app for wireless and effortless setup of the gate limits and configuration of the operator's many innovative features, as well as instant access to advanced diagnostics and system health. An interactive dashboard and graphic wizards give installers the full **SMART** experience.

Easy to set up and easy on the eye, the **D10 SMART** range has everything you'd expect from the access automation industry leaders.



MAIN FEATURES

Attractive styling

These gate operators' sleek design and rugged, yet modern cover will complement any driveway.

SMART speed

Pushing the limits of technology, the **D10 SMART** range moves even the heaviest of gates like greased lightning, helping to protect against tailgating and ensuring safe and secure entry and egress from the premises.

SMART hardware

Not only is the **D10 SMART** beautifully-styled, but it provides the best experience for installers with easy access to mounting hardware, backward compatibility (drop-in replacement) on existing D10 and A10 base plates, optimised cable routing and a dedicated accessory tray for complementary solutions such as GSM modules.

SMART connectivity

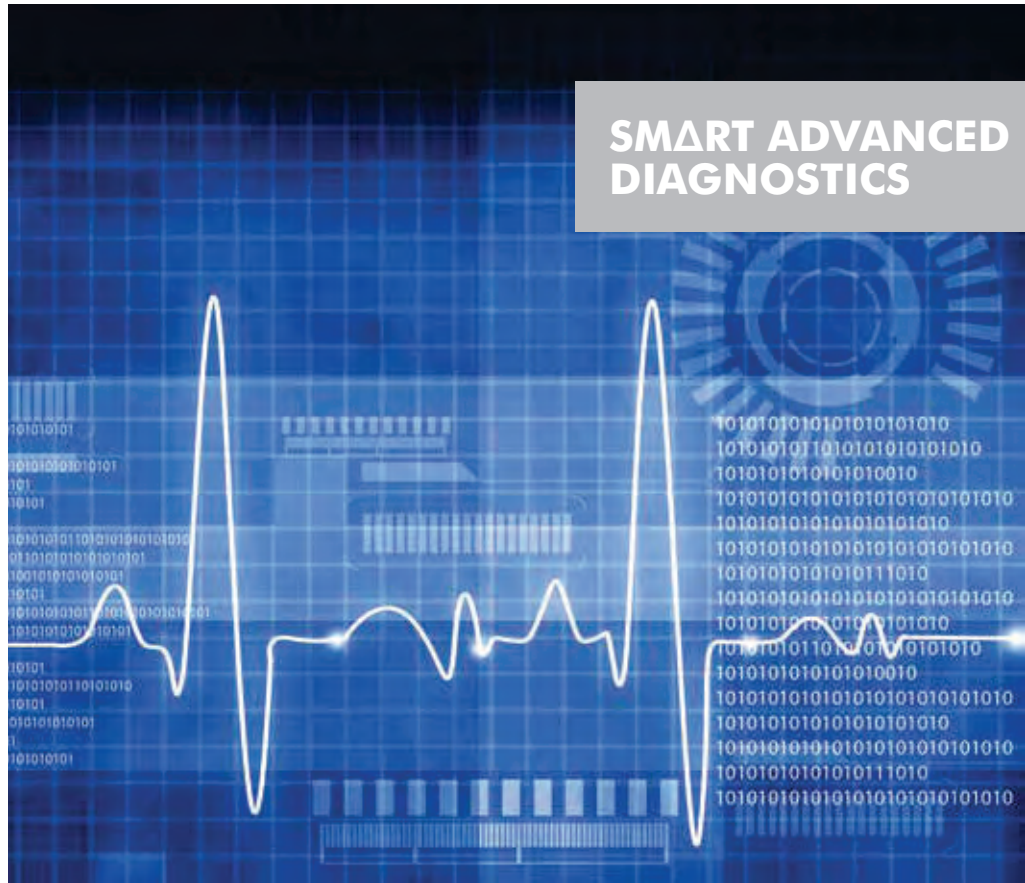
Set the gate limits, speed, automatic closing and unique profiles for everyone using the gate, with just a few taps.

SMART security

We've designed a patented theft-deterrent bracket for the **D10 SMART** that threads through the gearbox. Additionally, the unit has a built-in vibration sensor that can be linked to an alarm to alert you to movement or tampering at the gate, potentially helping to prevent theft of the gate motor as well as break-ins. You can even link the sensor to your armed response company to ensure swift reaction in the event of these scenarios.

SMART diagnostics

The days of spending hours in the blazing sun or pouring rain and wasting precious time trying to diagnose your client's gate motor are officially over thanks to CENTURION and **SMART** technology. The MyCentsys Pro mobile app connects wirelessly to our **D10 SMART** gate motor and gives you instant access to advanced, in-app diagnostics and logs, monitoring system health in real time and reporting on the state of the controller, batteries and operator power supply.



SMART ADVANCED DIAGNOSTICS

Speed and power

Brains and brawn! A robust but quiet 24V DC motor, coupled with a precision die-cast aluminium gearbox, generates enough torque to allow the **D10 SMART** to shift a four-metre gate in just ten seconds – and the **D10 Turbo SMART** is even quicker. An oil-lubricated gearset makes sure that these operators will just keep on going.

Uninterrupted security and convenience

In the event of a power outage, the last thing you want is to be stuck outside your gate, which isn't only hugely inconvenient, but can also pose a risk in high-security installations. You also want to avoid a scenario where you are unable to leave your property because a power outage during the night has completely drained your gate motor's battery.

Our new **D10 SMART** sliding gate motor comes with a dependable 24-volt battery backup system, allowing continued operation for up to 120 cycles during power outages¹.

1. Dependant on pull force and the number of accessories connected to the operator

Accurate and safe position control

The unit boasts advanced safety features and cutting-edge obstruction detection technology, ensuring that your gate isn't only secure, but completely safe. The **D10 SMART** also incorporates hall-effect technology, which offers the highest level of reliability and positional accuracy, as well as the best protection against contaminants.

Operate wirelessly

The **D10 SMART** can store up to 1500 individual NOVA remote controls – and now, with the new MyCentsys Pro mobile app, managing the remote control database just couldn't be easier. MyCentsys Pro enables you or your installer to quickly and effortlessly add, edit, delete and label remotes as well as setting up each individual button's associated functionality, for example opening a gate fully or for pedestrians, saving you time, allowing you to customise each remote control button to suit individual needs, and making life easier for everyone.

TECHNICAL SPECIFICATIONS

Technical Data	D10-SMART		D10 TURBO-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%		25%	
Motor voltage	24V DC			
Motor power supply	Battery-driven (Standard Capacity - 2x 12V 7.2Ah)			
Current consumption (motor at rated load)	8A		10A	
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	40kgf		24kgf	
Motor push force - rated	30kgf		18kgf	
Gate mass - maximum	1000kg		250kg ⁸	
Gate length - maximum	50m		50m	
Gate speed (varies with load) ⁴	Up to 26m/min ⁴		Up to 45m/min ⁸	
Manual Override	Lockable with key release			
Drive Pinion	17T Module 4		20T Module 4	
Operations in standby with 2x 7Ah batteries	Operating Modes			
	Power Saving 15m/min 15kgf	Normal 26m/min 15kgf	Power Saving 15m/min 9kgf	Normal 45m/min 9kgf
	118	63	189	130
	93	50	150	104
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	IP54			
Mass of unit packed (with standard kit, but excl. rack and battery)	13kg		13.5kg	
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.

OVERALL DIMENSIONS





D20 SMART

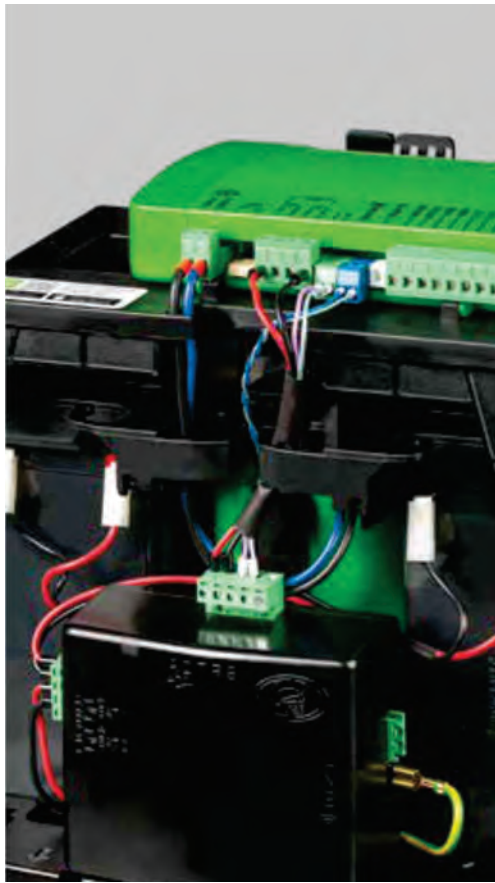
SMART.
The intelligent choice

INTELLIGENT SECURITY FOR YOUR GATE

When it's time to beef up security, you need **real** muscle, the kind that only **the number one in access automation** can deliver. Introducing the brand new **D20 SMART** industrial siding gate motor. Packing a heavy duty DC motor, this powerhouse can move a gate weighing up to two tonnes like it's nothing. Because the **D20 SMART** has two backup batteries, it gives you uninterrupted security, convenience and peace of mind. With such a rugged design and the toughest exterior, **it's just built that way.**

Complementing its tough-as-nails mechanical build, **SMART** technology makes the **D20 SMART** as intelligent as it's solid. Everything from setting the limits to managing remotes is done wirelessly using the MyCentsys Pro app, which acts as a complete, highly intuitive user interface that also provides diagnostic feedback and monitors system health in real-time.

If your high-volume site calls for the kind of security that never backs down even when it's pushed beyond the limits of other gate motors, make the intelligent choice and get the **D20 SMART.**



MAIN FEATURES

Smooth and strong

A lesser operator would move your big gate very grudgingly, resulting in a lot of rattling and wobbling that take a serious toll on your system's longevity. The **D20 SMART's** powerful motor treats even the most massive gates like a featherweight – moving with a silky smoothness that ensures a long and healthy lifespan.

Alert and agile

This mighty motor moves with exceptional grace. Reliable Hall Effect technology keeps track of the gate position at all times, and ensures pin-point stopping. The unit also boasts advanced safety features and cutting-edge obstruction detection technology, ensuring that your gate isn't only secure, but completely safe.

Staying power

The **D20 SMART's** starting and stopping power make it the best in its class, and the die-cast aluminium gearbox is the very definition of rugged. Being so strong means that the **D20 SMART** will last longer as its parts are never put under any serious stress.

SMART hardware

Not only is the **D20 SMART** beautifully-styled, but it provides the best experience for installers with easy access to mounting hardware, backward compatibility (drop-in replacement) on existing A10 base plates, optimised cable routing and a dedicated accessory tray for complementary solutions such as GSM modules.

SMART connectivity

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



SMART ADVANCED DIAGNOSTICS

SMART security

We've designed a custom theft-deterrent bracket for the **D20 SMART** that threads through the gearbox. Additionally, the unit has a built-in vibration sensor that can be linked to an alarm to alert you to movement or tampering at the gate, potentially helping to prevent theft of the gate motor as well as break-ins. You can even link the sensor to your armed response company to ensure swift reaction in the event of these scenarios.

SMART diagnostics

The MyCentsys Pro mobile app connects wirelessly to our **D20 SMART** gate motor and gives you instant access to advanced, in-app diagnostics and logs, monitoring system health in real time and saving you time and effort.

Operate wirelessly

The **D20 SMART** can store up to 1500 individual NOVA remote controls – and now, with the new MyCentsys Pro mobile app, managing the remote control database just couldn't be easier. MyCentsys Pro enables you or your installer to quickly and effortlessly add, edit, delete and label remotes as well as setting up each individual button's associated functionality, for example opening a gate fully or for pedestrians, saving you time, allowing you to customise each remote control button to suit individual requirements, and making life easier for everyone. The operator's huge remote memory capacity makes it the right fit for high-volume commercial and industrial sites.

TECHNICAL SPECIFICATIONS

Technical Data	D20-SMART	
Input voltage	90V - 240V AC +/-10% @ 50Hz ¹	
Current consumption (Mains)	250mA	
Battery charger current output	1.8A @ 27.4V +/-1%	
Maximum number of operations per day	750 ^{2,5}	
Duty cycle - Mains present ^{2,3}	45%	
Motor voltage	24V DC	
Motor power supply	Battery-driven (Standard Capacity - 2x 7.2Ah) ³	
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	
Motor push force - starting	52kgf	
Motor push force - rated	39kgf	
Gate mass - maximum	2000kg	
Gate length - maximum	25m	
Gate speed (varies with load) ^{2,5}	Up to 18m/min ³	
Manual Override	Lockable lever with key release	
Drive Pinion	13T Module 4	
Operations in standby with 2x 7.2Ah batteries	Operating Mode	
	Power Saving 15m/min 20kgf	Normal 18m/min 20kgf
	Half day ^{2, 3, 4}	55
Full day ^{2, 3, 4}	80	45
Collision Sensing	Electronic	
Operating temperature range	-15°C to +50°C	
Onboard receiver type	CENTURION rolling code (Keelog encryption) multichannel	
Receiver code storage capacity	1500 Remotes ⁶	
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

OVERALL DIMENSIONS





METAL GATE STATION

This isn't just any gate station - it's a statement piece built to impress. Crafted from sleek aluminium that's as robust as it is sophisticated, it endures the elements while adding a touch of modern elegance to your property. Forget plastic enclosures - this gate station makes a lasting first impression.

But beauty is more than skin deep. With the **G-SPEAK ULTRA**, convenience and security go hand-in-hand. Answer calls from anywhere using your cellular device, granting access or checking in with visitors remotely. No more being tied to a physical handset. For added peace of mind, the station boasts backlit buttons for clear visibility even at night, ensuring easy operation in any lighting condition.

And for ultimate customisation, the gate station effortlessly integrates with the universal gooseneck (sold separately), providing the perfect finishing touch to your unique entryway style.

Experience the next level of intercom convenience and security, all wrapped in a design that turns heads. Choose the **Metal Gate Station** today.

FEATURES AND BENEFITS

- Answer your intercom from anywhere, using your cellular device - enhanced security and convenience
- No messy and expensive wiring
- 1, 2 or 4 call buttons with the ability to add two numbers per button and Time Barring configurable per button (for example; automatically disable primary button at night)
- Backlit button(s)
- Rugged aluminium enclosure
- The mounting holes are compatible with our Universal

TECHNICAL SPECIFICATIONS

Technical Data	METAL GATE STATION ¹
Operating voltage ²	7.4V DC as supplied by the G-SPEAK ULTRA³
Current draw	11mA
Speech volume	Adjustable via G-WEB
Wiring	6 wire connection (power, audio and mic)
Ring tone	Electronic when button is depressed
Call confirmation	Yes
Call buttons	1, 2 or 4 (illuminated with labels)
Operating temperature	-20°C to +50°C
Humidity	0 - 90% non-condensing
Degree of protection	IP54 ⁴
Dimensions	97mm wide x 40mm deep x 178mm high

1. Requires a **G-SPEAK ULTRA** device, as the Gate Station cannot be used on its own.
2. If the 12V DC gate motor supply dips when the motor starts up and the intercom is being used at the same time, the speech quality might be affected.
3. The Gate Station must only be powered via a **G-SPEAK ULTRA** Device.
4. A Gooseneck backing plate is required when mounting onto a Gooseneck, to maintain IP rating.

OVERALL DIMENSIONS



RDO DIGITAL

Introducing the **RDO DIGITAL**, featuring a new and improved design with digital limits that makes commissioning easier and more convenient than ever before.

Enjoy fast and simple setup without compromising on reliability and performance.



MAIN FEATURES



No More Struggling with Mechanical Limits

Tired of the tedious task of manually adjusting limits on your garage door operator? The **RDO DIGITAL** offers an efficient solution. Our new digital limit system allows you to conveniently program the motor directly from the controller.



7-Segment Display

The **RDO DIGITAL**'s 7-segment display further simplifies commissioning and configuration.



What's New for Garage Door Users?

We've equipped the **RDO DIGITAL** with a built-in LED courtesy light that illuminates your garage space during operation. Enjoy enhanced visibility and peace of mind, even in low-light conditions, in addition to reliable battery-driven technology for uninterrupted access during power outages.

ACCESSORIES



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



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



External Manual Override
Key-operated release for convenient manual override of the door opener from the outside



Photon Safety Beams
Always recommended on any automated installation



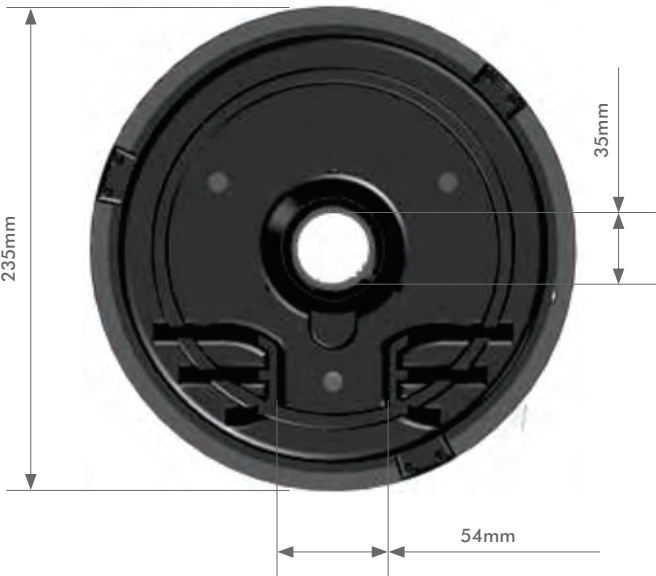
Wireless Wall Switch
The four-button Wireless Wall Switch can operate the door, turn on the light and activate Holiday Lockout all without running any unsightly wires

TECHNICAL SPECIFICATIONS

Technical Data	RDO DIGITAL
Input voltage	220V AC +/- 10% @ 50Hz ¹
Motor voltage	24V DC
Motor power supply - rated	120W DC
Motor supply	Battery-powered with 2 x 1.3Ah 12V batteries and 300mA charger
Maximum door width	2.8 meters
Maximum door area	10 meters ²
Maximum lifting capacity	20kg
Operations in standby mode	12 to 20 cycles, dependent on door size, weight, height and duration of power failure
Operator travel speed	110 to 150mm/sec, dependent on door weight
Door travel adjustment	Digitally-adjustable limits
Safety obstruction force system	Automatic with adjustable offset
Light	LED
Onboard receiver type	NOVA code-hopping (single channel)
Receiver code storage capacity	20 remotes ²
Receiver frequency	433Mhz

1. Can operate off a solar supply, please consult Centurion Systems (Pty) Ltd for assistance.
2. Multiple buttons per remote can be used.

OVERALL DIMENSIONS





**SMART ACCESS
TO YOUR HOME**



GET MORE FOR YOUR DOOR WITH THE SDO4 SMART

CENTURION's most innovative garage door motor yet, boasting whisper-quiet operation thanks to its state-of-the-art mechanical design, extended battery life for uninterrupted convenience during power outages and our pioneering – and award-winning – SMART technology for quick and easy setup.

SMART simplicity meets SMART sophistication

- Connecting you to convenience
- Redefining the installation experience
- Making your life easier through SMART technology

Complementing the easiest mechanical installation of any garage door motor, we're giving installers intuitive, hands-free commissioning of the system with our interactive and attractive MyCentsys Pro mobile app:

- Lightning-fast wireless setup of garage door limits and configuration of settings
- Instant access to advanced diagnostics and monitoring of system health
- Intelligent management of remote controls
- Connect to our technical support team directly through the app

SDO4 SMART

SMART.
The intelligent choice.



SMART HARDWARE



MAIN FEATURES

Always-on reliability

You need to be somewhere in a hurry. The power goes out. You're going nowhere. Unless you have the **SDO4 SMART**, that is.

The **SDO4 SMART** comes standard with a reliable battery-driven system with extended service life, so you can continue using your garage door even during lengthy power outages. You can even use solar power to charge the system, and the built-in Battery Saver feature will switch off the unit if the battery voltage drops below a certain point, so that the batteries aren't drained completely and potentially damaged.

An **SDO4 SMART** to suit your door

The **SDO4 SMART** comes in two different models, making it suitable for virtually any size domestic garage door. Choose the T10 for smaller doors up to 12 square metres, or automate your bigger door with the powerful T12 model.

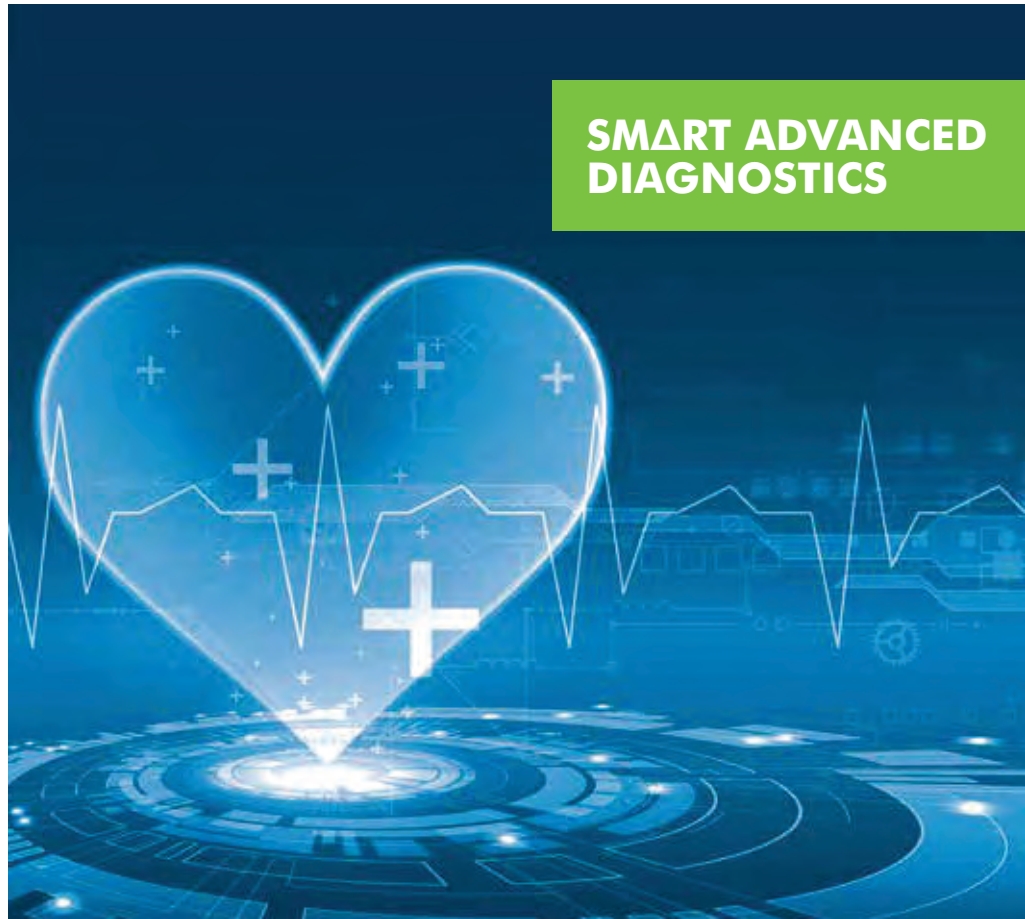
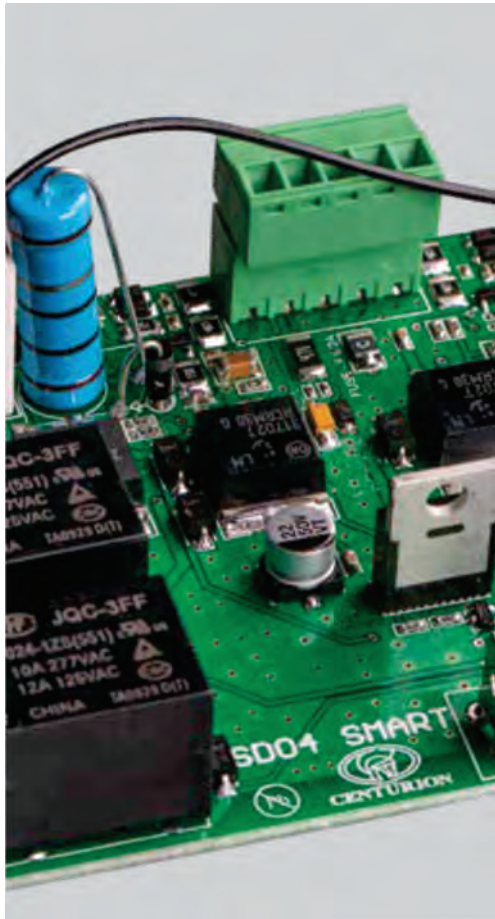
Cutting-edge safety

The **SDO4 SMART** was designed with safety in mind! The built-in anti-crushing circuitry will cause the door to stop and reverse if an obstruction is detected, helping to prevent serious damage or injury.

For added safety, add a pair of Photon SMART infrared beams. They're completely wireless, so it's easier and more cost-effective than ever before to make your garage door completely safe.

Courtesy light control

The **SDO4 SMART**'s on-board light is always at your beck and call. Have it work as a Courtesy Light, bathing your garage in a welcoming glow when the operator is activated, or switch it on and off as needed, using one of the Wireless Wall Switches or remote control buttons. Need to get a wrench from your garage to fix a leaky faucet in the middle of the night? Let the **SDO4 SMART** light the way!



SMART ADVANCED DIAGNOSTICS

Total security and peace of mind

Holiday Lockout Mode¹ is an on-board security feature that allows you to electronically lock your garage door by pressing one of the Wireless Wall Switch buttons, remote control buttons or through the app, giving you total control of who gets in.

The **SDO4 SMART** has been equipped with an innovative vibration device that will detect interference at the garage door and can be linked to an external alarm system, armed response company and even your phone via a GSM device. This not only helps prevent theft and tampering of the motor itself, but can alert you to potential break-ins.

Using the tie-in mobile app, you can receive push notifications on your phone of the garage door's status, for example when it is opening, giving you even more control and peace of mind.

Reliable DC motor

Our 24V geared DC motor provides enough power to move even the largest door quietly and reliably.

Automatic closing

In conjunction with Safety Beams, if you forget to close your garage door, your **SDO4 SMART** will do it for you – if you've activated the Autoclose feature. Or maybe you're moving stuff out of your garage and need the door to remain open – overriding Autoclose is as easy as pressing a button!

Door Service Monitor

Using adaptive load-sensing technology, our Door Service Monitor keeps an eye on the condition of the door installation. The courtesy lamp will flash and a buzzer will sound when your door springs are worn out and need

Quickly switch between door types for the ultimate in flexibility

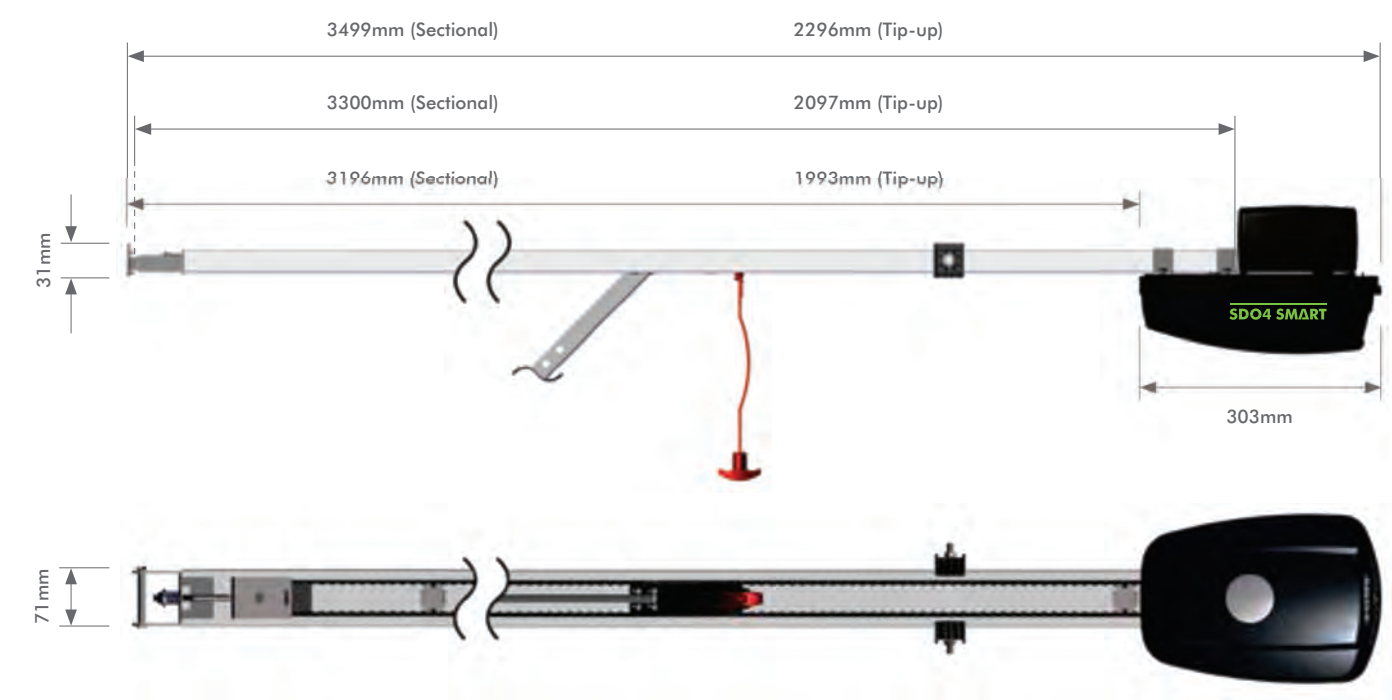
The **SDO4 SMART** is suitable for both sectional and tip-up doors. Toggling between the two using the MyCentsys Pro mobile app, automatically and intelligently adapts the run profile to suit the selected door type.

TECHNICAL SPECIFICATIONS

Technical Data	T10	T12
Input voltage	230V AC +/-10% @ 50/60Hz ¹	
Motor voltage ¹	24V DC	
Motor power supply - rated ²	80W DC	100W DC
Motor supply	Battery supply 2 x 3.4Ah 12V DC	
Maximum door width	6.5 metres	
Maximum door area	12 Square meters	15 Square meters
Maximum push/pull force	40kgf	50kgf
Maximum lifting capacity	1000N	1200N
Operations in standby mode	Up to 90 dependent on door size, weight, height and duration of power failure / condition of batteries	
Maximum operator travel speed ³	9m/min	
Door travel adjustment	Physical end-stops (Automatic limit set)	
Safety obstruction force system	Built-in menu	
Light	LED 2W	
Autoclose ²	Menu Selectable	
Infrared safety beams	Menu Selectable (Optional but recommended)	
Onboard receiver type	Code-hopping single channel	
Receiver code storage capacity	20x 4-Button Transmitters	
Receiver frequency	433.92Mhz	
Degree of protection	IPX0 (For interior use only)	

1. Can operate off a solar supply, consult Centurion Systems for assistance
2. Can increase battery capacity for longer standby times
3. Speed varies with load

OVERALL DIMENSIONS



ACCESSORIES



Steel, Nylon RAZ or Nylon Angle Rack

A variety of rack available in different lengths, for different strengths



Photon SMART Safety Beams

Fully-wireless infrared beams. Always recommended on any 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 Siren

The ultimate security companion, designed to seamlessly integrate with your existing SMART gate and garage door operators (not shown in diagram) (not compatible with D3 SMART)

GATE AUTOMATION SYSTEMS

CONTACT US

GAUTENG BRANCHES	Johannesburg East (H.Q)	219 Jet Park Road, Aerostar Business Park	011 397 3507
	Johannesburg North	174 Bernie Street, Kya Sand, Randburg	011 708 6442
	Johannesburg South	12 Dante Street, Alberton	010 157 1161
	Johannesburg West	599 Ontdekkers Road, Florida, Roodepoort	011 472 8823
	Centurion	74 Cantonments Road, Cnr. Botha Ave, Lyttelton	012 880 0222
	Pretoria	1185 Steve Biko Road, Wonderboom South	012 335 4290
	Vanderbijlpark	4 Prime Business Park, 6 Rabie Street	016 931 0408
	Johannesburg Training Centre	80 Herman Road, Harmelia, Ext. 2	011 397 3507
KZN BRANCHES	Durban North	Unit B, 213 Kenneth Kaunda Road	031 563 0274
	Newcastle	12A Harding Street	034 880 0330
	Pietermaritzburg	51 Winston Road	033 342 6722
	Pinetown	Unit 1, Suffert Industria Park, 7 Suffert Street	031 702 6351
	Vryheid	Unit F, 153 President Street, Cnr Hlobane Street	034 981 0318
WESTERN CAPE BRANCHES	Cape Town (Epping)	Unit 15, Viking Business Park, 7B Park Road, Epping Industria	021 534 5056
	Cape Town (Diep River)	Shop 2, Tramways Village, 89 Main Road	010 880 8281
	Cape Town (Brackenfell)	Unit 17B, Brackenfell Business Park, Old Paarl Road	021 879 1978
	Cape Town (Montague Gardens)	16 Montague Drive	021 879 3102
	George	No 8, C.J. Langenhoven Road, George Central	044 874 0669
	Paarl	Shop 2, Huguenot Park, Cnr.Klein Drakenstein Road	021 862 0886
	Somerset West	Shop 1, Broadway Centre, 11 Urtel Crescent	021 851 1978
NORTHERN CAPE BRANCHES	Kimberley	27A Schmidtsdrift Road, Rhodesdene	053 861 5631
	Upington	67 Schroeder Street	054 332 1458
EASTERN CAPE BRANCHES	East London	Shop 5B, Paphos Park, 9 Devereaux Avenue	043 880 0830
	Port Elizabeth	No 35 Third Avenue, Newton Park	041 365 7178
MPUMALANGA BRANCHES	Nelspruit	Unit 4, 20 Rapid Street, Riverside Industrial Park	013 752 7152
	Ermelo	22 Kerk Street	017 880 0888
FREE STATE BRANCHES	Bloemfontein	18 Kolbe Lane, Oranjesig	051 448 6695
	Bethlehem	Shop 8 & 9, River Walk Centre, 4 Muller Street	058 050 1090
LIMPOPO BRANCH	Polokwane	Cnr. Zune and Veldspaat Street, Extension 42	015 292 6273
NORTH WEST BRANCHES	Klerksdorp	72 Central Avenue, Flamwood	018 468 8273
	Potchefstroom	Havenga Building, 35 Dr. James Moroka Avenue	018 297 1488
	Rustenburg	Shop 8, Waterfall Mall, 1 Howick Avenue	014 537 2884
INTERNATIONAL BRANCHES	JVA Australia	55-57 Kabi Circuit, PO Box 527, Deception Bay QLD	+61 499 000 455
	JVA USA	4838 FM2001, Lockhart, Texas	+1 512 413 8661

Open, close. Let in. Keep out.
CENTURION takes care of it all.