



**CENTURION**



# Reliable and compact operator for domestic roll-up garage doors



GARAGE DOOR OPERATORS



SLIDING GATE OPERATORS



SWING GATE OPERATORS



REMOTE CONTROLS



INTERCOMS



SAFETY BEAMS



KEYPADS





This is the way we like to roll! With our **RDO** that is.

A 24V DC high-torque motor, operating so quietly you'll need to look at the door just to be sure that it's moving.

With an **RDO** not even power outages can close you down. Its reliable battery backup will keep you coming and going like there's no tomorrow.

All this opening and closing had better be safe and secure. Utilising CENTURION's ultra-secure code-hopping remote controls, and coupled with its anti-crushing sensitivity, the **RDO** has you covered.

## Main features

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### Fitted for safety

The motor is mounted on the inside of the drum, giving no exposure to dangerous moving parts. The sensitive anti-crushing system technology adds to the safety features of the system making it a truly safe operator.

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### Powerful, quiet DC motor with battery backup

A high-torque, potent DC motor will lift your roll-up door silently. Driven by a 24V battery supply, the system provides uninterrupted operation regardless of power outages.



GARAGE DOOR  
OPERATORS



### Minimum side room

The motor can be fitted in an extremely narrow opening due to the clever, compact design of the unit.

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### Light your way

A courtesy light comes on as soon as you activate the system, illuminating your garage while you get in or out of your vehicle. The built-in timer switches the light off automatically.

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### Easy to commission

Incorporating mechanical end-of-travel and safety force micro switches, the opening and closing positions and anti-crushing settings are simple and easy to adjust.

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### Take control

Using CENTURION remote controls with code-hopping technology, the system offers the ultimate in remote control security. Transmitting a unique, changing code with each operation, the remote control signal can neither be grabbed nor copied.

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### Ease of installation and adjustment

Ready. Set. Go! Mount the controller and slide the operator into the drum. Adjust the limits and spring tension and then add the remote controls. Within minutes of arriving on site, the unit can be assembled, installed and set up. Such ease saves time, saves money!

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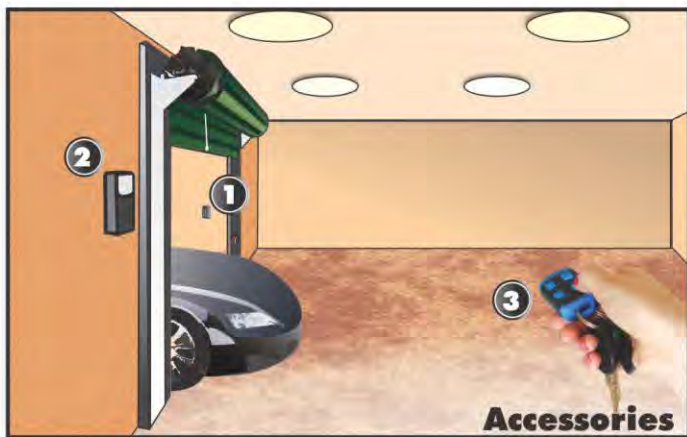


### Anti-crushing control

**RDO** sensors ensure that your garage door will never close on your child, car or pet - if an obstruction is detected the door will stop and reverse immediately.



GARAGE DOOR OPERATORS



### Accessories



**SMARTGUARD or SMARTGUARDair keypad**  
Cost-effective and versatile wired and wireless keypad, allowing access to pedestrians



**External manual override** Key operated release for convenient manual override of door opener from the outside



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

## Technical specifications

### Roll-up Door Opener

Door operator	Drive unit attached directly to door drum
Controller	Wall mounted unit with integrated light
Input voltage	220V - 240V AC +/- 10% @ 50Hz★
Motor voltage	24V DC
Motor power supply	Battery driven† - 200mA charger - peak
Battery charger	Plug-in - 250mA @13.8V DC
Opening lift force	30kgf
Door travel speed	100 -150mm/sec
Duty cycle - mains present	20%⚡
Daily operations	20
Opening/closing travel limit	Max: 2.4m
Inherent safety mechanism	Electronic (adjustable)
Light	15W 24V DC Edison screw
Receiver type	CENTURION code-hopping, Voyager type ⚡
Receiver code memory	36 transmitter buttons
Receiver frequency	433MHz
Wall switch transmitter	1 x single button CENTURION transmitter
Remote control included	1 x CENTURION code-hopping transmitter

- ★ Can operate off a solar supply, consult CENTURION for assistance
- † Two x 1.2Ah batteries (can be upgraded for longer power failure autonomy)
- ⚡ Based on a lifting force of less than 50% of rated
- ⚡ Based on 25°C ambient temperature
- ⚡ Only one button per transmitter is used

## Overall dimensions

