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

Infrared Gate Safety
Always recommended on any gate or door automation 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

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 code-hopping encryption

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GARAGE DOOR OPERATORS
Reliable and compact operator for domestic roll-up garage doors

TECHNICAL SPECIFICATIONS

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<td>433MHz</td>
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1. Can operate off a solar supply, consult CENTURION for assistance
2. Two x 1.2Ah batteries (can be upgraded for longer power failure autonomy)
3. Based on a lifting force of less than 50% of rated
4. Based on 25°C ambient temperature

OVERALL DIMENSIONS
This is the way we like to roll! With our **RDO2**, 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 **RDO2** 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 **RDO2** has you covered.

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**MAIN FEATURES**

**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.

**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.

**Minimum side room**

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

**AutoClose**

Look, Ma, no hands! If you forget to close your garage door, your **RDO2** 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!

1. Internal safety beams need to be installed to utilise the AutoClose feature

**Onboard receiver with code-hopping security**

A home security system that fits in your pocket. Our four-button code-hopping remote control utilises the same technology found in top of the range vehicle security systems and can control your **RDO2**, home alarm system, automatic gate motors and whatever else you need to feel safe. Rest easy, knowing there’s a CENTURION standing guard.

**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.

**Courtesy Light Control**

The **RDO2**’s onboard 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 Switch 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 **RDO2** light the way!

**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!

**Convenient template learning**

In a hurry? Thanks to the **RDO2**’s intelligent template learning feature, you can learn all the buttons on your four-button remote control or Wireless Wall Switch in a set configuration in a matter of seconds!

**Anti-crushing control**

**RDO2** 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. (Safety beams are recommended on any gate or door automation installation).
This is the way we like to roll! With our RDO2, that is.

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OVERALL DIMENSIONS

RDO

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 - 300mA @ 27.5V DC

Opening lift force
30kg

Door travel speed
100 - 150mm/sec

Duty cycle - mains present
20% -

Duty operations
20

Opening/closing travel limit
Maximum: 2.4m

Inherent safety mechanism
Electronic (adjustable)

Light
15W 24V DC Edison screw

Onboard receiver type
Code-hopping, 433MHz

Receiver code memory
22 transmitter buttons

Receiver frequency
433MHz

Remote control included
1 x CENTURION code-hopping transmitter

1. Can operate off a solar supply; consult CENTURION for assistance
2. Two x 1.2Ah batteries (can be upgraded for longer power failure autonomy)
3. Based on a lifting force of less than 50% of rated
4. Based on 25°C ambient temperature

GARAGE DOOR OPERATORS
Reliable and compact operator for domestic roll-up garage doors

www.century.com
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Facebook.com/CenturionSystems
YouTube.com/CenturionSystems

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