**CONTROLLER FEATURES**
- Adjustable speed control
- Soft Start and Soft Stop
- Dual Mode adaptive safety force system
- Infrared Safety Beam input
- Intuitive LED display and colour-coded buttons for ease of use
- Autoclose function (optional override)
- Door Service Monitor
- Onboard Holiday Lockout feature

**WHAT'S IN THE BOX?**
- Drive rail 150mm Punched angle iron
- Mounting kit
- Manual Override
- Bent towing arm
- Straight towing arm
- Two four-button code-hopping remotes
- Drive rail 150mm Punched angle iron
- Mounting kit
- Header bracket
- Rail hanger
- Four-button Wireless Wall Switch (Only included with T12 model)
- Towing bracket
- SMARTGUARD or SMARTGUARDair keypad

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>SDO4 Garage Door Operator Rail Kit</th>
<th>SDO4 Garage Door Operator Drive kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input voltage</td>
<td>220-230V AC @ 50/60Hz</td>
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</tr>
<tr>
<td>Motor voltage</td>
<td>24V DC</td>
<td>24V DC</td>
</tr>
<tr>
<td>Motor power supply</td>
<td>- rated 80W DC</td>
<td>100W DC</td>
</tr>
<tr>
<td>Motor supply Battery supply</td>
<td>2 x 3.4Ah 24V DC</td>
<td>2 x 3.4Ah 24V DC</td>
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<tr>
<td>Maximum door width</td>
<td>6.5 metres</td>
<td>6.5 metres</td>
</tr>
<tr>
<td>Maximum door area</td>
<td>12 metres²</td>
<td>15 metres²</td>
</tr>
<tr>
<td>Maximum lifting capacity</td>
<td>1000N</td>
<td>1200N</td>
</tr>
<tr>
<td>Operations in standby mode</td>
<td>12 to 30, dependent on door size, weight, height and duration of power failure</td>
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<tr>
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<td>Tip-up 80mm/sec.</td>
<td>Sectional 140mm/sec.</td>
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<td>Door travel adjustment</td>
<td>Physical end-stops</td>
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<tr>
<td>Safety obstruction force system</td>
<td>Built-in menu</td>
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</tr>
<tr>
<td>Light LED</td>
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<td>2W</td>
</tr>
<tr>
<td>Autoclose2</td>
<td>Internal menu option</td>
<td>Internal menu option</td>
</tr>
<tr>
<td>Infrared safety beams</td>
<td>Internal menu option</td>
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</tr>
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**OVERALL DIMENSIONS**

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<td>Drive rail 150mm Punched angle iron</td>
<td>2173.1mm (Tip-up)</td>
<td>1872.6mm (Tip-up)</td>
</tr>
<tr>
<td>Drive rail 150mm Punched angle iron</td>
<td>3293.1mm (Sectional)</td>
<td>2992.6mm (Sectional)</td>
</tr>
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</table>

**American = 220-230VAC, 50/60Hz**

**Technical support line:**
0861 003 123 (Monday - Friday: 07h00 - 18h00, Saturday 8h00 - 13h30)

**Centurion Systems (Pty) Ltd reserves the right to change any product without prior notice**

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**facebook.com/CenturionSystems**

**Youtube.com/CenturionSystems**

**GARAGE DOOR OPERATOR**

What coming home should feel like
**SDO4**

We believe that arrival home is more than just some automatic action or daily ritual. It's an experience that's charged with emotion – the feeling of seeing your loved ones, your pets, the big-screen TV and all the other comforts that you miss during the day. We know that arriving home is more than just some automatic action or daily ritual. It's an experience that's charged with emotion – the feeling of seeing your loved ones, your pets, the big-screen TV and all the other comforts that you miss during the day.

**MAIN FEATURES**

- **An SDO4 to suit your door**
  The SDO4 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.

- **Battery-driven – ALWAYS on**
  The SDO4 is a battery-driven unit. There's no need to be connected to a power supply. You're going nowhere. Unless you have the SDO4; that is. The SDO4 switches seamlessly between mains and battery power in the event of a power outage, so it's always on. You can even use solar power to charge the system.

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

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

**Ease of installation, adjustment and setup**

**Handy, Set Out!**

The drive unit and rail slides into the rail and the control box slots into position at the back. It's as simple as that. Additionally, the built-in LED display and colour-coded buttons together make it easy to configure settings and toggling between the operator's many unique features couldn't be easier.

**Total security at the press of a button**

The hand that rocks the cradle is the hand that rules the world... and so is the hand that controls Holiday Security Mode! This inbuilt high-security feature allows you to electronically lock your garage door by pressing one of the Wireless Wall Switch or remote control buttons, giving you total control of who gets in.

**Lock in any position**

For additional security, the Manual Override can be disengaged and then re-engaged in any position. If you're going away on holiday you can also electronically lock your SDO4 so that even a learned-in remote control can operate the door.

**Autoclose**

Look, no hands! If you forget to close your garage door, your SDO4 will do it for you... if you've activated the Autoclose feature. Or maybe you're moving stuff out of your garage and you don't want the door to remain open – overriding Autoclose is as easy as pressing a button!

**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 SDO4, home alarm system, automatic gate motors and whatever else you need to feel safe. Best way, knowing there's a CENTURION standing guard.

**Effortlessly switch between door types for the ultimate in flexibility**

The SDO4 is suitable for both sectional and tip-up doors, and toggling between the two using the intuitive LED display automatically, and intelligently, adapt the cut profile to suit the selected door type.

**Door Service Monitor**

Using adaptive load sensing technology, your Door Service Monitor keeps an eye on things and automatically alerts a service van when your door springs need maintenance.

**Battery-driven – ALWAYS on**

Charge the system. For additional security, the Manual Override can be disengaged and then re-engaged in any position. If you're going away on holiday you can also electronically lock your SDO4 so that even a learned-in remote control can operate the door.

**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 SDO4, home alarm system, automatic gate motors and whatever else you need to feel safe. Best way, knowing there's a CENTURION standing guard.

**Convenient template learning**

In a hurry? Thanks to the SDO4's intelligent template learning feature, you can learn all the buttons on your four-button remote control or Wireless Wall Switch at a set configuration in a matter of seconds.

**Energy-saving technology**

Save the planet that only will the SDO4 continue to operate during periods of unstable power or even power outages, but it's incredibly easy on resources. In Sleep Mode it uses such minimal power that there's no reason to turn it off, and in low-power mode it can still be used in situations where there's no mains supply. In Sleep Mode it uses such minimal power that there's no reason to turn it off, and in low-power mode it can still be used in situations where there's no mains supply.

**Corrective Light Control**

The SDO4's onboard corrector is always at your beck and call. Here it works 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.

**Infrared safety beams need to be installed to utilise the Autoclose feature**

If you've activated the Autoclose feature. Or maybe you're moving stuff out of your garage and you don't want the door to remain open – overriding Autoclose is as easy as pressing a button!

**Battery-driven – ALWAYS on**

Charge the system. For additional security, the Manual Override can be disengaged and then re-engaged in any position. If you're going away on holiday you can also electronically lock your SDO4 so that even a learned-in remote control can operate the door.

**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 SDO4, home alarm system, automatic gate motors and whatever else you need to feel safe. Best way, knowing there's a CENTURION standing guard.

**Effortlessly switch between door types for the ultimate in flexibility**

The SDO4 is suitable for both sectional and tip-up doors, and toggling between the two using the intuitive LED display automatically, and intelligently, adapt the cut profile to suit the selected door type.
MAIN FEATURES

An SDO4 to suit your door
The SDO4 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.

Battery-driven - ALWAYS on
You don’t need to be stationary to use the SDO4. The battery-driven power unit means that your garage door can be opened and closed from anywhere. Unless you leave the SDO4, that is. The SDO4 switches seamlessly between mains and battery power in the event of a power outage, so it’s always on. You can even use solar power to charge the system. (1) Consult Centurion Systems for more information

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

Adaptive anti-crushing control
The SDO4 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. (2)

Ease of installation, adjustment and setup
Ready. Set. Go! The drive unit slides into the rail and the control box slots into position at the back. It’s as simple as that! Additionally, the built-in LED display and colour-coded buttons make it easy to configure settings and toggling between the operator’s many unique features couldn’t be easier.

Total security at the press of a button
Safe. Rest easy, knowing there’s a CENTURION standing guard.

Lock in any position
For additional security, the Manual Override can be disengaged and then re-engaged in any position. If you’re going away on holiday you can also electronically lock your SDO4 so that even a learned-in remote control can’t operate the door.

Autoclose
Look, Ma, no hands! If you forget to close your garage door, your SDO4 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!

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 SDO4, home alarm systems, automatic garage lights and whatever else you need to feel secure.

Effortlessly switch between door types for the ultimate in flexibility
The SDO4 is suitable for both sectional and tip-up doors, and toggling between the two using the intuitive LED display automatically and intelligently, adapt the cut profile to suit the selected door type.

Door Service Monitor
Using adaptive load sensing technology, our Door Service Monitor keeps an eye on things and a courtesy lamp will flash and a buzzer will sound when your door springs are worn out and need maintenance.

SDO4
We believe that arriving home is more than just some automatic action or daily ritual. It’s an experience that’s charged with emotion — a feeling of security, of ownership, of pride. With the SDO4, that experience begins the moment that you open your garage door.

With whisper-quiet operation and movement that’s smoother than a Barry White song, the SDO4 with the Adaptive anti-crushing control switches seamlessly between mains and battery power in the event of a power outage, so it’s always on. You can even use solar power to charge the system (1) Consult Centurion Systems for more information.

Battery-driven — ALWAYS on
Unless you leave the SDO4, that is. The SDO4 switches seamlessly between mains and battery power in the event of a power outage, so it’s always on. You can even use solar power to charge the system. (1) Consult Centurion Systems for more information

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

Adaptive anti-crushing control
The SDO4 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. (2) Fatal obstructions are highly recommended to maximum garage door safety and obstruction detection.

Energy-saving technology
Save the planet that only 2% of the SDO4 continues to operate during periods of unstable power or even power outages, but it’s incredibly easy on resources. In Sleep Mode it uses less than one watt of power! Our unique energy-saving technology is enough, however, to run the Courtesy Light Control which is always on, and quietly inform the neighbours that you have a ‘zero emissions garage’.

Courtesy Light Control
The SDO4’s onboard light is always on and ready. Here it works as a Courtesy Light, lighting 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.

Convenient template learning
In a hurry? Thanks to the SDO4’s intelligent template learning feature, you can learn all the buttons on your four-button remote control or Wireless Wall Switch in set configuration in a matter of seconds!
MAIN FEATURES

An SDO4 to suit your door

The SDO4 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.

Battery-driven - ALWAYS on

You need maintenance.

An SDO4 to suit your door

The SDO4 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.

Battery-driven - ALWAYS on

The need to be somewhere in a hurry. The power goes out. You're going nowhere. Unless you have the SDO4, that is. The SDO4 switches seamlessly between mains and battery power in the event of a power outage, so it's always on. You can even use solar power to charge the system in the event of a power outage, so it's always on. You can even use solar power to charge the system in the event of a power outage, so it's always on.

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Ease of installation, adjustment and setup

Ready. Set. Go! The drive unit slides into the rail and the control box slots into position at the back. It's as simple as that. Additionally, the built-in LED display and colour-coded buttons make it easy to configure settings and toggling between the operator's many unique features couldn't be easier.

Total security at the press of a button

Lock in any position

The SDO4 is always on. It's as simple as that. The SDO4 switches seamlessly between mains and battery power in the event of a power outage, so it's always on. You can even use solar power to charge the system in the event of a power outage, so it's always on. You can even use solar power to charge the system in the event of a power outage, so it's always on.

Autoclose

Onboard receiver with code-hopping security

Onboard receiver with code-hopping security

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Featured on the SDO4 is a courtesy lamp which lights the way!

For increased security, the Manual Override can be disengaged and then re-engaged in any position. If you're going away on holiday you can also electronically lock your garage door, so that even if an intruder is able to operate the door, it's as simple as that. Additionally, the built-in LED display and colour-coded buttons make it easy to configure settings and toggling between the operator's many unique features couldn't be easier.

With whisper-quiet operation and movement that's smoother than a Barry White song, the SDO4 – the feeling of seeing your loved ones, your pets, the big-screen TV and all the other comforts that you miss during the day. We know that arriving home is more than just some automatic action or daily ritual. It's an experience that's charged with emotion.

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Battery-driven - ALWAYS on

SDO4

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CONTROLLER FEATURES
• Adjustable speed control
• Soft Start and Soft Stop
• Dual-Mode adaptive safety force system
• Infrared Safety Beam Input
• Intuitive LED display and colour-coded buttons for ease of setup and configuration
• Additional features: (with optional override)
• Door Service Monitor
• Onboard Holiday Lockout Feature

WHAT’S IN THE BOX?
SDO4 Garage Door Operator Rail Kit
• Drive rail 150mm Punched angle iron
• Mounting kit
• Rail hanger
• Bent towing arm
• Straight towing arm
• Two four-button code-hopping remotes
• Towing bracket
• Four-button Wireless Wall Switch (Only included with T12 model)

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

TECHNICAL SPECIFICATIONS

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</tr>
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<td>Motor voltage</td>
<td>24V DC</td>
</tr>
<tr>
<td>Motor power supply</td>
<td>2 x 3.4Ah 24V DC</td>
</tr>
</tbody>
</table>

Maximum door width: 6.5 metres
Maximum door area: 12 metres²
Maximum lifting capacity: 1000N

Operattions in standby mode: 12 to 30, dependent on door size, weight, height and duration of power failure

Opener travel speed:
- Tip-up: 80mm/sec.
- Sectional: 140mm/sec with fully-charged batteries

Door travel adjustment:
- Physical end-stops

Safety obstruction force system:
- Built-in menu

Light:
- LED 2W

Autoclose:
- Internal menu option

Infrared safety beams:
- Internal menu option

Onboard receiver type:
- Code-hopping single channel

Receiver code storage capacity:
- 20 transmitters

OVERALL DIMENSIONS

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<tr>
<th>Overall length</th>
<th>2173.1mm (Tip-up)</th>
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</thead>
<tbody>
<tr>
<td>Overall height</td>
<td>3293.1mm (Sectional)</td>
</tr>
<tr>
<td>Width of door</td>
<td>28.4mm</td>
</tr>
</tbody>
</table>

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

Garage Door Operator
What coming home should feel like

Centurion Systems is a Company of the FAAC Simply Automatic Business Unit

Twitter @askCenturion
Facebook.com/CenturionSystems
Youtube.com/CenturionSystems

www.centsys.com

Call 0860-CENTURION (0860 236 887) to order or to find out more

Technical support line: 0861 003 123 (Monday - Friday: 07h00 - 18h00, Saturday 8h00 - 13h30)

E&OE. Centurion Systems (Pty) Ltd reserves the right to change any product without prior notice
Rail extension kit
Available in 1000mm and 350mm lengths. Allows for increased garage door opening height. Converts a tip-up door SDO4 to be suitable for sectional doors.

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 (Only included with T12 model).

**CONTROLLER FEATURES**
- Adjustable speed control
- Soft Start and Soft Stop
- Dual Mode adaptive safety force system
- Infrared Safety Beam Input
- Intuitive LED display and colour-coded buttons for quick and easy setup
- Autoclose function (with optional override)
- Door Service Monitor
- Onboard Holiday Lockout feature

**WHAT’S IN THE BOX?**
1. Infrared Safety Beams need to be fitted to utilise the Autoclose feature

**ACCESSORIES**
- Two four-button code-hopping remotes
- Rail hanger
- Straight towing arm
- Bent towing arm
- Drive rail 150mm Punched angle iron
- Mounting kit
- Header bracket
- SMARTGUARD or SMARTGUARDair keypad

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>T10</th>
<th>T12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input voltage</td>
<td>220-230V AC @ 50/60Hz</td>
<td>220-230V AC @ 50/60Hz</td>
</tr>
<tr>
<td>Motor voltage</td>
<td>24V DC</td>
<td>24V DC</td>
</tr>
<tr>
<td>Motor power supply</td>
<td>80W DC</td>
<td>100W DC</td>
</tr>
<tr>
<td>Motor supply Battery supply</td>
<td>2 x 3.4Ah 24V DC</td>
<td>2 x 3.4Ah 24V DC</td>
</tr>
<tr>
<td>Maximum door width</td>
<td>6.5 metres</td>
<td>6.5 metres</td>
</tr>
<tr>
<td>Maximum door area</td>
<td>12 metres²</td>
<td>15 metres²</td>
</tr>
<tr>
<td>Maximum lifting capacity</td>
<td>1000N</td>
<td>1200N</td>
</tr>
<tr>
<td>Opener travel speed</td>
<td>Tip-up 80mm/sec.</td>
<td>Sectional 140mm/sec with fully-charged batteries</td>
</tr>
<tr>
<td>Door travel adjustment</td>
<td>Physical end-stops</td>
<td>Physical end-stops</td>
</tr>
<tr>
<td>Safety obstruction force system</td>
<td>Built-in menu</td>
<td>Built-in menu</td>
</tr>
<tr>
<td>Autoclose</td>
<td>Internal menu option</td>
<td>Internal menu option</td>
</tr>
<tr>
<td>Infrared safety beams</td>
<td>Internal menu option</td>
<td>Internal menu option</td>
</tr>
<tr>
<td>Onboard receiver type</td>
<td>Code-hopping single channel</td>
<td>Code-hopping single channel</td>
</tr>
<tr>
<td>Receiver code storage capacity</td>
<td>20 transmitters</td>
<td>20 transmitters</td>
</tr>
<tr>
<td>Overhead dimensions</td>
<td>2173.1mm (Tip-up)</td>
<td>3293.1mm (Sectional)</td>
</tr>
<tr>
<td>Overall dimensions</td>
<td>1700 mm (Tip-up)</td>
<td>2175 mm (Tip-up)</td>
</tr>
</tbody>
</table>

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

Centurion Systems is a Company of the FAAC Simply Automatic Business Unit

Easy access to setup and replacement of light bulb

Easy operation of Manual Override. Lock in any position for greater security and convenience.

**OVERALL DIMENSIONS**

800 mm (Base rail) 1872.6mm (Tip-up) 2992.6mm (Sectional) 70.6mm 28.4mm

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

**TECHNICAL SPECIFICATIONS**

**OVERALL DIMENSIONS**

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