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# scs sentinell MCO0108 Rack and Rack Drive For Sliding Gates



#### Introduction

The MCO0108 OpenGate3 is a 24V rack-drive automation kit designed for sliding gates

up to 5m long and max. 500kg. It provides remote-controlled access with LED indication, obstacle detection, and both full and partial openings (e.g., pedestrian mode)

# **Specifications**

• Power: 24V DC motor

• Gate Capacity: Up to 500kg, 5m length

• Speed: Full opening in approx. 15 seconds

 Operation Modes: Full, partial (pedestrian), quick opening, obstacle-stop & autoreverse

• Remote Control Range: ~50m, comes with 2 remotes

• LED Feedback: Integrated flashing light signals operation

• Rack Length: ~5m of steel/polymer rack included

• Materials: Polycarbonate, nylon, steel, ABS plastic

• Weight: ~14kg net

## **Usage**

#### 1. Installation:

- Secure the rack along the gate base.
- Mount motor unit and align with rack.
- Connect 24V power and control wiring.
- Follow programming steps for remotes/keypad

# 2. Programming Remotes & Keypad:

- Press RF button on control board.
- Enter default code "11111" then "OK".
- Change to a new 4-digit PIN via keypad by long-pressing "C", entering code, OK, repeat
- Use "1+PIN+OK" for full open, "2+PIN" for partial, "3+PIN" to add devices

## 3. Daily Operation:

- Use remote or keypad for gate control.
- LED flashing indicates movement; motor stops or reverses if obstacle detected.
- Soft deceleration ensures smooth final movement.

#### 4. Maintenance:

Periodically clean/lubricate rack.

- · Check tightness of mounting hardware.
- Replace batteries in remotes/keypad as needed.
- Safely recycle used batteries

### **Safety & Precautions**

- Obstacle detection ensures the gate stops or reverses on impact.
- Soft stop reduces risk at end of move.
- Warning light signals gate in motion to alert passersby
- Electrical installation must comply with local norms.
- **Disposal**: Batteries and electronics must be recycled per guidelines.

#### About this item

- Easy installation in three steps: the sliding gate operator is first mechanically installed, then electrically powered and then programmed and synchronised all very simple and convenient.
- An efficient 12 V sliding gate automatic set: with our product OneGate 3, you can reliably and quietly motorise any sliding gate with a length of 4 metres and a maximum of 400 kg. A wide range of functions: this
- Wide range of functions: this automatic mechanism offers multiple options such as fast (15 seconds), full and partial opening, slow down at the end of the run, stop in case of obstacle, automatic closing, manual unlocking and learning to run.
- Complete set: our drive comes with 1 motor, 1 electronic box (PCB P501 BH PCB V SCS), 2 remote controls with 4 channels, 1 LED indicator light with integrated antenna, 2 infrared photocells, screws, mounting brackets and 1 instruction manual
- Warranty and Satisfaction We guarantee you the reliability of our innovative technical products, which are easy to install and use, combining convenience and safety. Our technical support based in France is at your disposal to assist you with the installation of your product. Our technicians will ensure you sound and personal advice. Your satisfaction is our priority!

#### **Product information**

#### **Technical Details**

Manufact urer	SCS Sentinel		
Part Num ber	MCO0108		
Product D imension	30.9 x 20.2 x 20.2 cm; 1 kg		
Item mod el number	MCO0108		
Colour	Pantone 427c		
Finish	Unfinished		
Material	Acrylonitrile Butadiene Styrene (ABS) Nylon Alloy Steel Polyoxymethylen e Delrin Acrylonitrile butadiene styrene (ABS) Polycarbonate Alloy steel		
Item Pack age Quantity	1		
Number o	25		
Handle m aterial	Aluminium		
Special F eatures	Opening to the right or left, Stop on obstacle, Full and partial opening (pedestrian opening), End run slowdown, Quick opening (approx. 15 sec onds)		
Usage	Schiebetor, Garagentor		

Included Compone nts	Installation Hardware
Batteries i ncluded?	No
Batteries Required ?	No
Item Weig	1 kg

# **Product description**





- SCS Sentinel is committed to private individuals to provide you with technical and high-quality products that make your everyday life easier. Our priority is to provide you with innovative comfort and safety solutions for you and your home. Our wide range of easy to use technical items will meet your expectations perfectly. We offer automations for swing and sliding gates for electric gates, garage door operators, audio and video intercoms, wired and wireless doorbells, alarm systems and video surveillance kits.
- Dynamics and expertise are the leitmotifs of our brand. Installing the OpenGate 3 sliding gate operator is child's play. First, it must be mechanically installed, electrically connected and powered, then programmed and synchronized. This reliable, heavyduty drive is suitable for a sliding gate with a length of 5 metres and a weight of up to 500 kg. It offers various operating modes such as opening to the right or left, full or partial, slow down in the end position, stop in case of obstacles, automatic closing, manual unlocking and learning drive.
- You will find all the necessary materials in our installation kit, which includes 1 motor with electronic card P501 BH PCB1, 2 remote controls, 1 flashing light, 2 photocells, 4 m racks, 1 installation template, screws and 1 release key, 1 motor mounting bracket, limit switch and 1 instruction. Features: remote controls: yes, solar kit: no, max. Length of one wing: 5 m Max. Weight of one wing: 500 kg Series: OpenGate Mechanism type: rack Wireless portal keyboard: no Photocells: no Flashing light: Yes Motor voltage: 24V Max. Total width of the gate: 5 m Max.

#### **FAQs**

#### Can I use more than two remotes?

Yes – use "3 + PIN + OK" on keypad or control board to sync additional remotes or devices.

## What happens if the gate hits an object?

The unit has built-in obstacle detection that will immediately stop movement and reverse a few centimeters to prevent damage.

### Can I open the gate partially for pedestrians?

Absolutely – use the "partial open" function (2 + PIN + OK) to slide gate just enough for foot traffic, with a slower movement mode.

# **Documents / Resources**



scs sentinell MCO0108 Rack and Rack Drive For Sliding Gates [pdf] Insta llation Guide

MCO0108 Rack and Rack Drive For Sliding Gates, MCO0108, Rack and Rack Drive For Sliding Gates, Rack Drive For Sliding Gates, Sliding Gates, Gates

## References

- User Manual
- scs sentinell

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