



SDO-500 Automatic Door Operator



- Built-in Bluetooth, advanced fine-tuning settings using APP interface.
- One key to start automatic learning positioning. Easy to install without complicated setting procedures.
- Two types of force arm to select to solve the gap between the door frame and the door leaf within 30cm.
- Provide automatic self-closing function, without touching the doorknob for accessing move conveniently.
- It is available to install on door frame or door leaf. Move flexibility of installation for more complicated.
- 315/433 MHz controller available to purchase to provide long distant door open function.
- Centered double-sided output shaft available to select output position according to the environment. Optional door loop to protect external circuit available to purchase.
- Chute lever arm using balls shaft to reduce noise and extend its service life. Patented roller design to allow larger installation error or flatness of door leaf and door frame.

Specifications

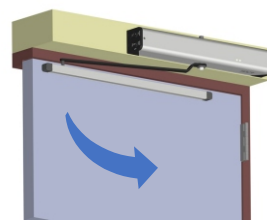
- Power Supply : 100~240V AC 50/60 Hz
- Power Consumption : Max 72W (3A@DC24V)
- Application :
 - Door opening angle : 90~120°
 - Door weight : within 100Kg
 - Door width : 81~120CM
- Reveal depth :
 - Pull arm : suitable for reveal depth between 0~15 cm
 - Push arm : suitable for reveal depth between 10~30 cm
- Operating Mode :
 - Always open /always close/one way /fully automatic
- Frequency : 315/433MHz(transmitter)/2.4GHz(bluetooth)
- Input Point :
 - Door open contact×2/ ock status/ 24VDC supply back-up/ safty sensor X2 slave door contact
- Output Point :
 - Electrolock output contacts (NO/NC/COM)/ 0.5A@DC24V
- Transmitter Capacity : 750 transmitters(optional)
- Historical Data :
 - 5000 records (available to inquire from App)
- Status Display :
 - Dual-LED×2 (action/communication indicator)
- Buzzer : Built-in buzzer
- Parameter Adjustment (APP) :
 - Opening speed, closing speed. Buffer position and speed, pause time, Door opening reversal time/ strength, wind resistance, push mode, arm type, 4 adjustable modes
- Dimensions : 525(L)×74(W)×70(H) (mm)
- Weight : 5000(g)

Series Models

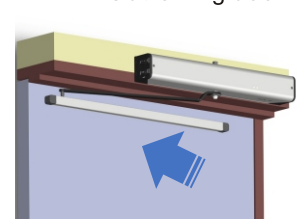
- SDO-501 : Track set
- SDO-501A : Track set , with 433MHz transmitter
- SDO-501L : Track set, with 315MHz transmitter
- SDO-502 : Push arm set
- SDO-502A : Push arm set, with 433MHz transmitter
- SDO-502L : Push arm set, with 315MHz transmitter

Installation Diagram

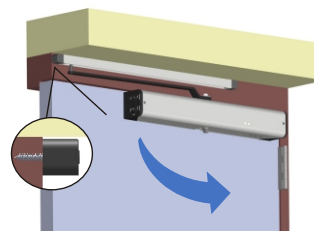
In-swing door



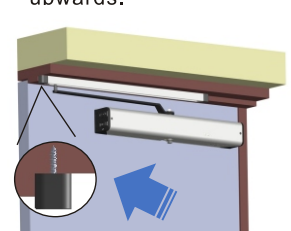
Out-swing door



Opposite direction 2
(In-swing door):
Insufficient space above the door frame, slide rail is fixed on the front.



Opposite direction 1
(Out-swing door):
Insufficient space above the door frame, slide rail is fixed upwards.



- ※ When the gap between the door leaf and the door frame is more than 11cm, a two-section lever arm is available to purchase.
- ※ When the unit is installed on the door leaf, a door loop (P-D01) is available to purchase to protect external circuit.

