

# INTERGLIDE



## AUTO SENSOR DOOR ASD 200 OWNERS MANUAL & SERVICE BOOK



# INSTRUCTIONS

1. CAUTION: For personal safety, it is important to follow all the instructions carefully. Incorrect installation or misuse of the product may cause serious harm to people.
2. Keep the instructions in a safe place for future reference.
3. This product was designed and manufactured strictly for the use indicated in this document. Any other usage not expressly indicated in this document, may damage the product and or be a source of danger.
4. INTERGLIDE accepts no responsibility due to improper use of the automatic machine (opener) or use other than that indicated.
5. Do not install the machine in an area subject to explosion hazard. Inflammable gasses or fumes are a serious safety hazard.
6. We will not accept responsibility if the rules of good workmanship are disregarded in installing the closing elements to be motorized, if any deformation occurs during use of the said elements.
7. Before carrying out any work on the system, turn off the electricity supply.
8. The safety devices (e.g. photocell, sensitive edges, etc.) may be used to prevent any potential risk in dangerous areas where the moving mechanism is located, such as crushing, dragging, or shearing.
9. INTERGLIDE accepts no responsibility regarding safety and correct operation of the machine, should components made by manufacturers other than we be used in the system.
10. Do not make any alterations to the components of the automatic machine.
11. The installer must supply full information regarding operation manual of the system in the event of any emergency and provide the system user with the "INSTRUCTION"
12. Do not allow children or other people to stand near to any moving part of the opener or door construction while in operation.
13. Keep transmitters away from children to prevent the machine from being activated accidentally.
14. The user must refrain from attempting to repair or adjust the system personally and should only contact professional person.

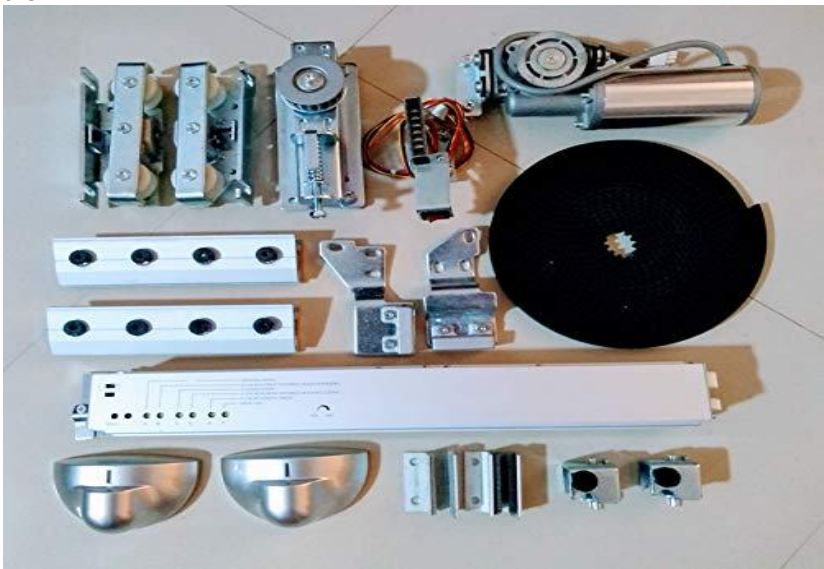
## AUTO SENSOR GLASS DOOR-ASD200

**INTERGLIDE** Automatic sliding dual door opener can hold weight of up to 100kg per leaf and it offers maximum performance at affordable price.

The series is designed with appropriate quality agreeing with current international standards and directives

### Features:

- 1.We adopt brushless DC technology, service life of the brushless DC motor is longer than the brush motor, and it can be with better reliability.
- 2.Ultra-quiet sound design, low noise, small vibration, we adopt the automatic lubrication technology.
- 3.It is made with high-strength aluminum alloy material, strong and durable.
- 4.It can work with the bearing metal alloy wheel driving belt, and with good quality, stability and high applicability.
- 5.It can work with internal security protection circuit device, even if the automatic door opens and closes frequently, it also can run with long-term no-trouble.



**Automatic Sliding Door Opener Kit includes following:**

- |                         |                                 |
|-------------------------|---------------------------------|
| 1. 1 Pc DC Motor- 100W  | 7. Stopper - 2 Pc               |
| 2. 1pc Control unit     | 8. 1Pc - 7meter Belt            |
| 3. 1pc Power switch     | 9. 2Pc 24 Ghz Microwave sensor  |
| 4. 1pc Idler pulley     | 10. 4 Mtr Aluminum Rail & Cover |
| 5. 4pcs Glass Holder    | 11. 2 Pcs Side Caps             |
| 6. 2pcs Belt Tooth clip | 12. 4 Pcs of Roller Cradle      |
| 7. 2 Pcs Floor Guide    |                                 |

**Following optional accessories available as per customer request:**

- |                            |                              |
|----------------------------|------------------------------|
| 1. Keypad system           | 2. Safety Beam Sensor        |
| 3. Wireless Touch Switch   | 4. Remote                    |
| 5. Electric Lock           | 6. Exit Button               |
| 7. PVC Glass end D Beading | 8. Five position key switch. |

**SPECIFICATIONS:**

Max door weight (single)	1*200 kgs
Max door weight (double)	2*180 kgs
Door leaf weight	700-1300mm
Opening speed	150-500mm/s (adjustable)
Closing speed	100-450mm/s (adjustable)
Motor type	24V 100W Brushless DC motor
Opening time	0-9 second (adjustable)
Voltage	AC90-250V 50Hz-60Hz
Operating Temperature	-20°C - +70°C

**Pre – Installation:**

The surface onto which the rail should be fixed should be even and strong to support the weight of glass door.

**FULL GLASS SECTION:**

The Rail can be fixed on full glass sections. Adequate holes should be made, before hardening the glass fixed sections. Make sure that, the fixed sections are sufficiently strong.

**NORMAL INSTALLATION:**

The Rail can be fixed, just before the wall. Screw the Rail firmly to the wall, horizontally.

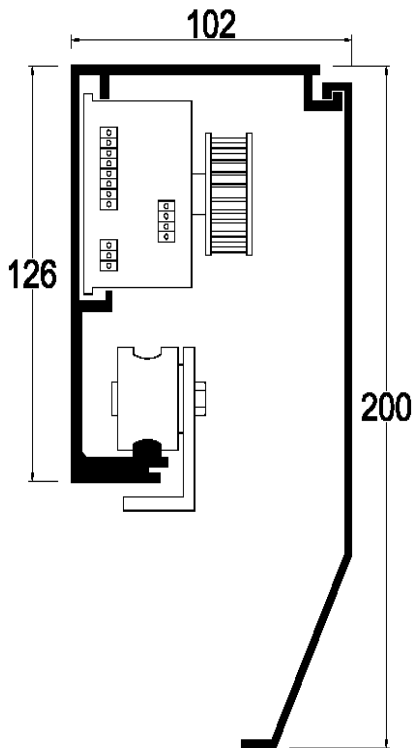
**CONCEALED INSTALLATION:**

The Rail can be fixed, inside the wall opening (under ceiling), so that it doesn't protrude to the room.

This is a concealed installation.

Either you have to prefix clamps to the ceiling and screw rails to this clamps or run a horizontal pipe of size 100 x 50MM, to cover the rail dimensions.

SIDE VIEW of the Mechanism:



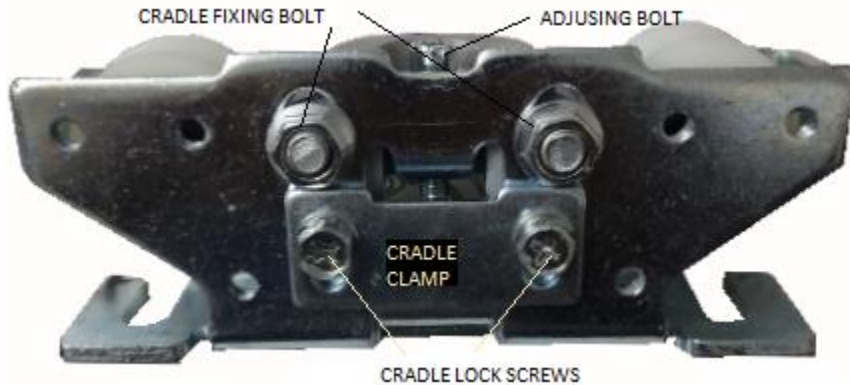
## **Installation**

After mounting the Main RAIL, install components one by one.  
Mount Control Box, Motor and Power Switch on the right end of the rail.



Screw them firmly to the rail.  
Install the Idler Pulley/ Belt tightner to the extreme left end of the Rail.

## Cradle with Rollers



Unscrew *Cradle Lock Screws* and let the cradle slip down. Place the *CRADLE with Rollers*, in the main *RAIL* at suitable positions.

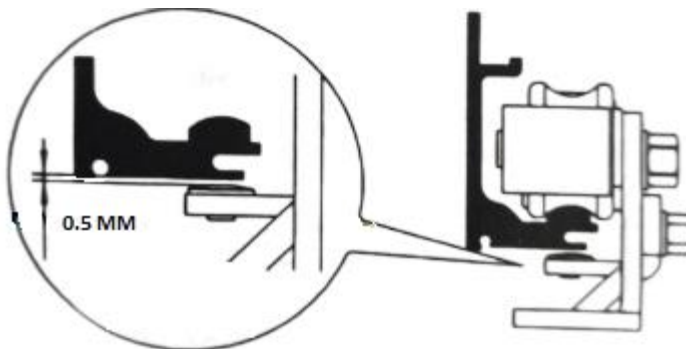
Fix the *Glass Holder* to the glass very firmly. Fix this section to the *Cradle roller*, See that, the glass can be moved smoothly without any obstructions & friction.

### Horizontal Adjustment of Glass:

Check for the linearity, by keeping the door in close status.

Loosen *CRADLE FIXING BOLT* slightly. Use the *ADJUSTING BOLT* to lift or down each side of the door. Clockwise movement, lifts the door and anticlockwise down the door. After horizontal adjustment, tighten the fixing Nut very firmly.

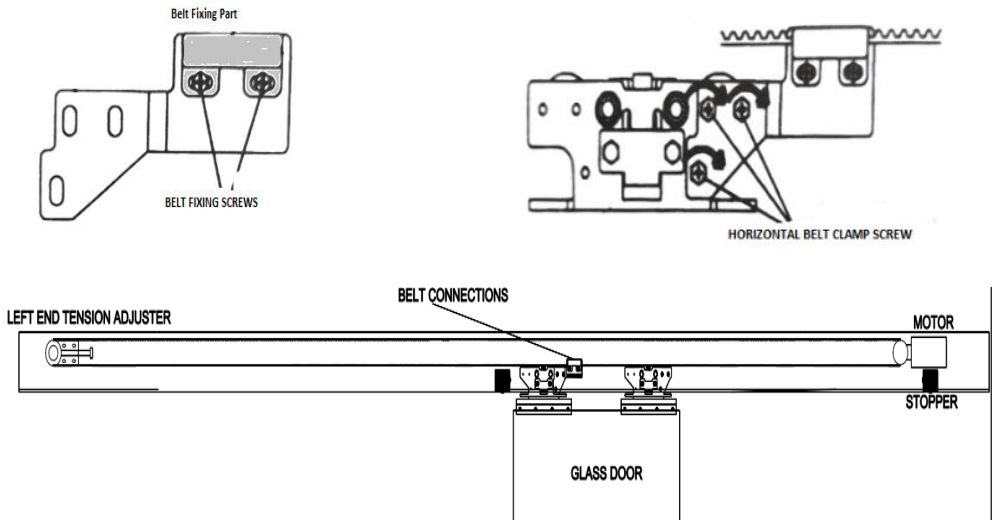
Now lift the *Cradle clamp*, and tighten the *CRADLE LOCK screw* firmly after keeping a gap of approximately 0.5 MM between the rail bottom and bush on the cradle clamp.



## INSTALLATION OF BELT ( Single Door)

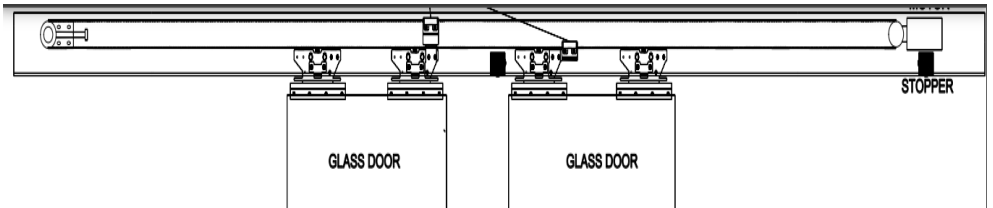
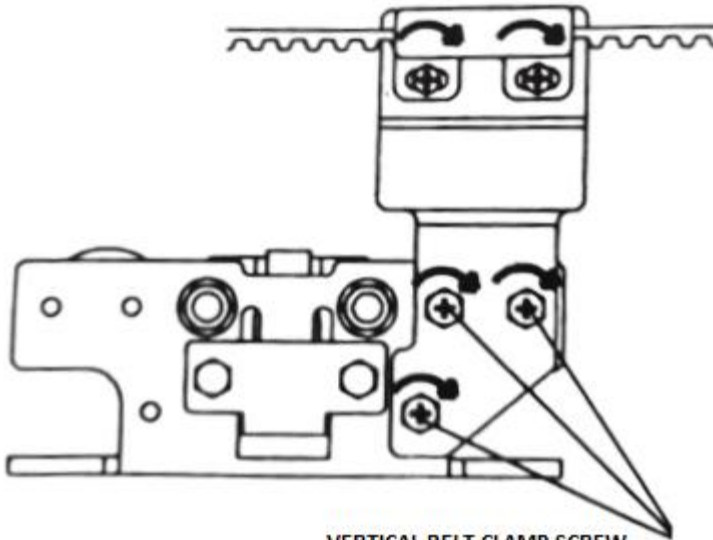
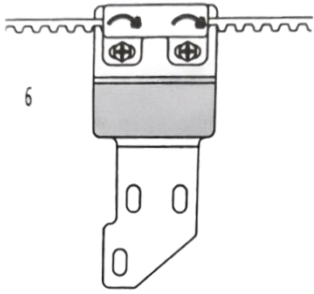
Standard Opening - 700 to 1000MM

Install the Horizontal Belt Clamp to the Cradle Roller. Tighten Horizontal Belt Clamp screws. Get the ends of the belt, cut to desired length, and insert both ends in the Belt Fixing Part. Tighten Belt Fixing Screws.

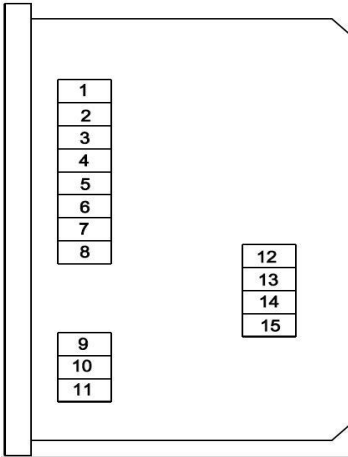


## INSTALLATION of BELT ( Dual Door)

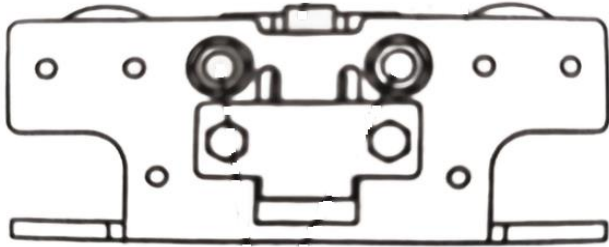
Standard Opening: 700 to 1500 MM







- 1 - Safety IR Sensor
- 2 - Microwave Sensor
- 3 - Locked
- 4 - Common 0V
- 5 - Interlock
- 6 - Common 0V
- 7 - Common 0V
- 8 - +12Volts
- 9 - Common 0V
- 10 - 24V input for backup
- 11 - Lock control 12V
- 12-16 - Remote Control



### END STOPPER ( TENSION ADJUSTER)

1. Keep the Tension adjuster to the left end of the rail, so as to keep belt tight. If loose, cut off extra length. Tighten 4 Nos of Base Plate Screw.
2. Loosen 4 Nos of Adjustment Bolts.
3. Turn the Tension Bolt, so as to keep the Belt tight.
4. Tight firmly all screws.

### POWER CONNECTOR:

