

# ORBIT

## Out Swing Door



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Mitech Out swing door systems are reliable and robust, designed specifically for public transportation within cities and Staff Bus and School Bus applications.

This out-swing door opening door is especially functional as a single-leaf and double-leaf door, as it swings out from the side of the bus to allow passengers to enter and enables easy access to the vehicle with a wide entrance. It can be positioned as a middle or a rear door, depending on the customer's preferences.

The design and fabrication of the door are complete sealing the four sides in closed condition control from the AC air leakage and noise from the vehicle.

This door is available in both a single- and double-leaf variant based on bus aperture dimensions in an aluminum frame. It has a glass-on-glass window design with half-glass and full-glass options and the option of a pneumatic or electric door mechanism.

Mitech Doors designs and manufactures Automatic Door systems for Train coaches and bus coaches over two decade Years of experience – since 2004 – and Our dedicated R&D Division is equipped with advanced machinery, Design software, Design Validation, prototyping ,accelerated life testing facility for customer Requirements. Mitech doors expertise is verified with ISO 9001:2015 quality and ISO 14001:2015 environmental certificates.





**MITECH DOORS**  
*Experience the excellence*

# Out-Swing Door

Single and Double



- Aluminum Frame- 6063 - T6
- 5mm Toughened Glass
- ARAI Compliance AIS052 /A1S153
- Powder Coated frame
- EPDM Rubber Edges
- Preset 90° System Integration
- Adjustable Roller And Axis
- All Fasteners are in stainless steel

## Key Features

- Electrical and Pneumatic Systems  
12VDC & 24 V DC
- Motor Over current Sensor
- Electro Pneumatic Sensor
- Multi eye Spot matrix sensor
- Integrated Door Logic -BIM & VMS
- Wiring Harness with Dashboard Switch
- Emergency Switches

As per the ARAI and Customize Door  
for Bus body aperture Dimension size

Product Information		Actuating Location	Systems Voltage (V)	Emergency Release type	Open /Closing	Door Logic	Features
	ORBIT-P1L	Top Mounted	Electro pneumatic 12 V / 24V	Pneumatic Auto open / Manual Open	Adjustable 2- 6 S	Bus in Motion Immovability	Anti Pinch IR sensor *(Optional) Wiring Harness with Switch
		Bottom Mounted					
	ORBIT-E1L	Top Mounted	12 V / 24V	Auto open / Manual Open	Adjustable 2- 6 S	Bus in Motion Immovability	Controller Module IR sensor *(Optional) Wiring Harness with Switch
		Bottom Mounted					
	ORBIT-P2L	Top Mounted	Electro pneumatic 12 V / 24V	Pneumatic Auto open / Manual Open	Adjustable 2- 6 S	Bus in Motion Immovability	Anti Pinch IR sensor *(Optional) Wiring Harness with Switch
		Bottom Mounted					
	ORBIT-E2L	Top Mounted	12 V / 24V	Auto open / Manual Open	Adjustable 2- 6 S	Bus in Motion Immovability	Controller Module IR sensor *(Optional) Wiring Harness with Switch
		Bottom Mounted					



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