

Auto Rider at Gardens by the Bay



Specifications

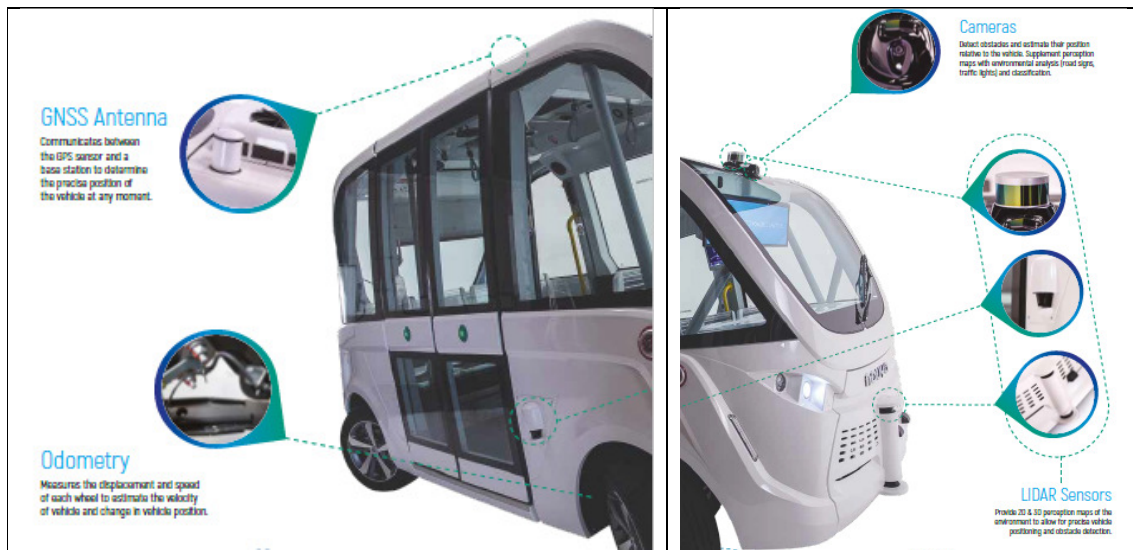
Length	4.75m
Width	2.11m
Height	2.65m
Clearance	0.2m
Tyres	215/60 R17
Wheels	Steel wheel rims
Empty weight	2400Kg
Gross weight	3450Kg

Technology

The Auto Rider is a driverless, automated, infrastructure-independent electric vehicle. It is equipped with a multitude of sensors and an embedded system that enable it to sense its surroundings.

The operation of the vehicle is based on three principles:

- Perception, which allows the vehicle to know where it is in space and detect potential obstacles in the surroundings.
- Decision, which estimates the dynamic behavior to be adopted from perception, to perform the intended task.
- Action, which translates instructions from the decision using actuators to move the vehicle.



Booking Details

- Guests may book and pay either through the mobile kiosks located at the two boarding and alighting points, or through the “Auto Rider @ Gardens by the Bay” mobile app
- For both the kiosks and mobile app, only Visa/MasterCard/WeChat Pay are accepted

Pricing Details

- A two-way ride costs \$5 (adult) and \$3 (child)
- Ticket sales will be from 8:45am – 9:30pm daily