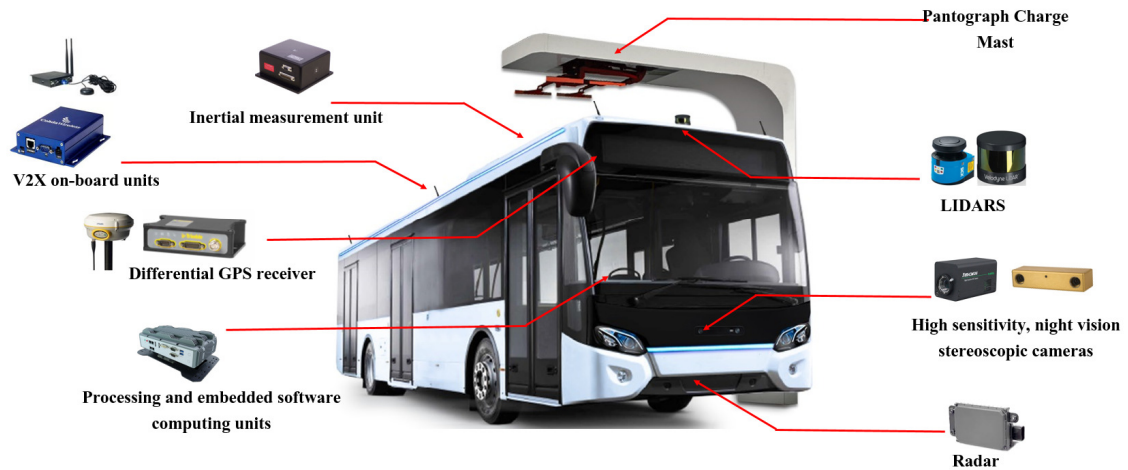


Components of AV Robotics Kit



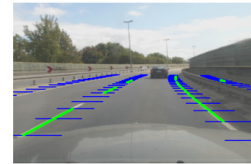
Autonomous Bus Features



Autonomous Navigation



Localization with 3D LIDAR Mapping & DGPS



Lane Detection



Obstacle & Pedestrian Detection with Day and Night Operation



Night Vision and Pedestrian Detection



V2V and V2I Communication



Traffic Light and Sign Detection

Field Trials @ NTU-CTP Campus & Bus Depot

Public Transport Use-Case:
NTU-CTP & NTU-Pioneer



Depot Use-Case:
V2V and V2I Functionality Optimization

