

ADLink DDSBot

ROS 1.0/2.0 based swarm robots architecture

Hardware architecture

Item & quantity	
Raspberry Pi 3 Model B	1
RPLidar A1	1
Arduino UNO	1
Arduino Nano	1
Gy85 IMU	1
Arduino Car Chassis Kit	1
Photoelectric Tachometers	1
L298N Motor Drive Board	1
5V BEC (dc to dc)	1
Lipo Battery	1
Total cost: < 250USD	





