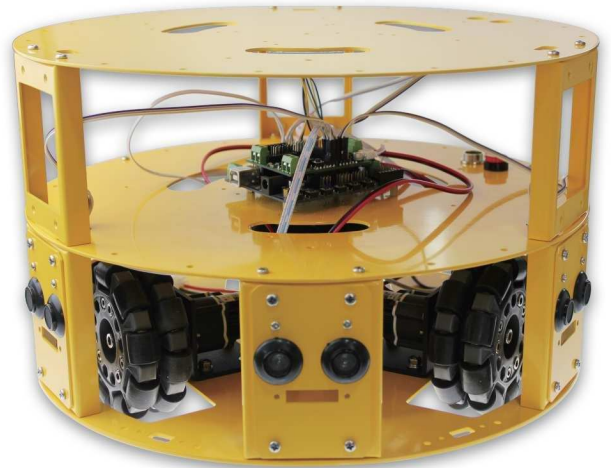


3WD 100mm omni wheel robot kit 10006

This is a 3 wheels drive, omni-wheel mobile robot kit. It is capable of moving in any direction by changing the velocity and direction of each wheel without changing its orientation. Includes microcontroller and motors with encoders, it is programmable. There are couples of sensor mounted around its body: IR sensors, ultrasonic sensors, fall detect sensors. It has 3 levels of adequate space for extension components such as a lap-top or cameras etc. There are still pre-drilled holes of screw and its firm aluminum alloy body make it convenient and possible to add more levels.



Aluminum alloy frame



3 wheels drive



Fall detect sensor



Omni wheel



Ultrasonic sensor



IR sensor



Encoder



Programmable



Easily expand

Features:

- 3 wheels drive
- Omni wheel
- Aluminum alloy frame
- Capable of rotation
- Includes Ultrasonic sensors, IR sensors, Fall detect sensors
- With Microcontroller and IO expansion board
- Large top plate for additional equipments like Lap top and camera

Parts included:

- 100mm Plastic Omni-wheel X 3
- 12V DC Motor with encoder X 3
- Arduino 328 Controller X 1
- Arduino IO Expansion X 1
- Ultrasonic Range Finders X 6
- Fall Detect IR Sensor X 3
- 12V Ni-Mh Battery X 2
- 12V Charger X 1