

## 3WD 100mm omni wheel robot kit 10003

This robot is based on a 3WD omni-wheel chaise. It could move in any direction by changing the velocity and direction of each wheels without changing its orientation. This robot help you get acquainted with the omni-wheel platform embedded system. Its aluminium alloy body and pre-drilled hole for screws make it convenient for you to add components as you like.



Aluminum alloy frame



3 wheels drive



Omni wheel



Ultrasonic sensor



IR sensor



Encoder



Programmable



Easily expand

### Features:

- Economical platform of 3WD omni-wheel
- Easy to install
- IR sensors and ultrasonic sensors included
- Encode motors
- Programmable Arduino microcontroller board
- Pre-drilled holes and spare space make it expandable

### Parts included:

- 3 100mm Plastic Omni Wheels
- 3 Faulhaber 12V DC Coreless Motors
- Arduino 328 Controller
- Arduino Io Expansion
- 3 Ultrasonic Range Finders
- 12V Ni-Mh Battery
- 12V Charger