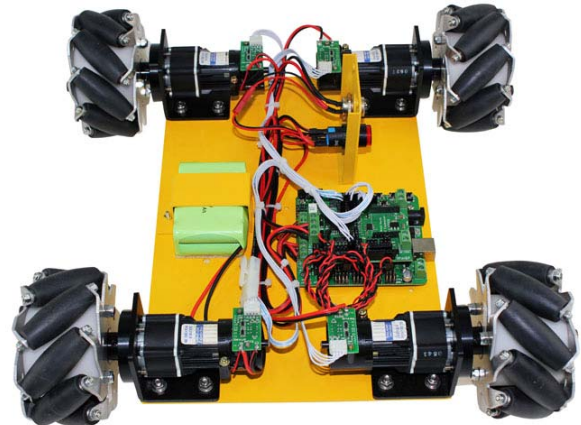


4WD 100mm Mecanum Wheel Learning Kit 10009

This is a four wheels drive mobile kit designed for hobbyists and students to learn about the function of Mecanum wheels. It includes four 12VDC motor with encoders. Its chassis is made of Aluminum-alloy and has pre-drilled holes for microcontroller.



Features:

- 4 wheels drive
- Mecanum wheels
- Aluminum alloy body
- DC motor with encoders
- Includes Ultrasonic sensors
- Capable of moving forward, backward, sideway, rotation
- Programmable with C, C++

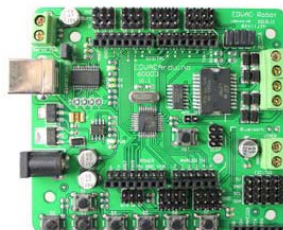
Parts included

- 100mm Aluminum Mecanum wheels X 4
- 12V DC coreless motors X 4
- Arduino 328 Controller
- Arduino IO Expansion
- 12V NI-MH Battery X 1
- 12V Charger

Parts Description



Arduino IO Expansion is a sensor expansion board. The controller board is programmed from the PC in C, C++ programming language.



Arduino 328 is a microcontroller board. The USB port can be used for download of own programs and for transmitting data to the PC.



With the help of mecanum wheels, robot kit can move to all direction. Moving all four wheels in the same direction causes forward/backward movement, running left/right sides in opposite directions causes rotation, and running front and rear in opposite directions causes sideways movement.

Specifications:

Product Name	Mecanum Wheel Learning Kit	Speed	0.6m/s
Part Number	10009	Power	17w
Appearance	Square	Drive Mode	4 Wheels Drive
Length	300mm	Color	Yellow
Width	215mm	Net Weight	3.8kg
Body Material	Aluminum Alloy	Load Capacity	5kg

Co-effect of Mecanum Wheels:

