



Four-way Tracking Obstacle Avoidance Car Kits V2.0

ZYC0043---Product introduction

Introduction

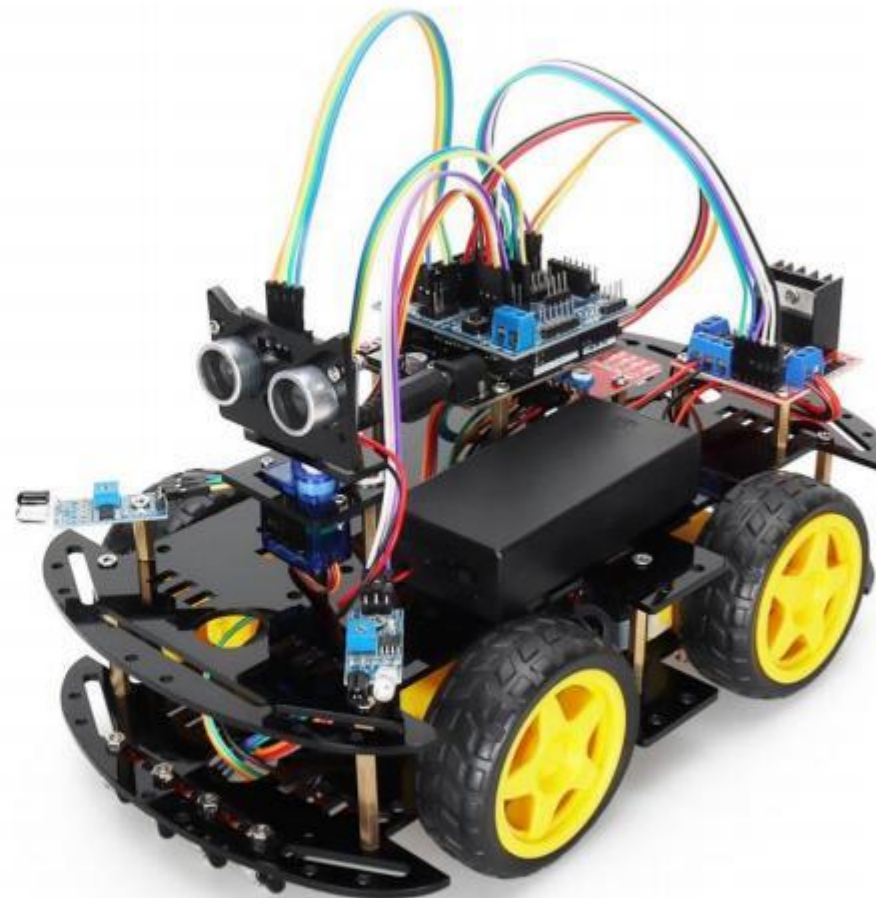
Nowadays, technology education such as virtual reality, children's programming, and artificial intelligence has become the mainstream of the education industry. Therefore, STEAM education has been highly valued by people. Arduino is very famous in maker education. So what is Arduino? Arduino is an open source electronic platform based on easy-to-use hardware and software. The Arduino board is able to read inputs - lights on sensors, the pressing or releasing of buttons - and convert them into outputs - activating motors or turning on LED lights. Based on this, the Zhiyi Technology team has designed an Arduino smart car that is very suitable for beginners. Arduino maps its pins to sensors and drivers through an expansion board, which it reads and controls and decides how to operate. This set of tutorials, from simple to complex, will guide you to make an intelligent remote control robot and introduce detailed knowledge about sensors and modules. In addition, if you want a DIY robot to learn C language programming and graphical programming requirements, this is a very good choice.



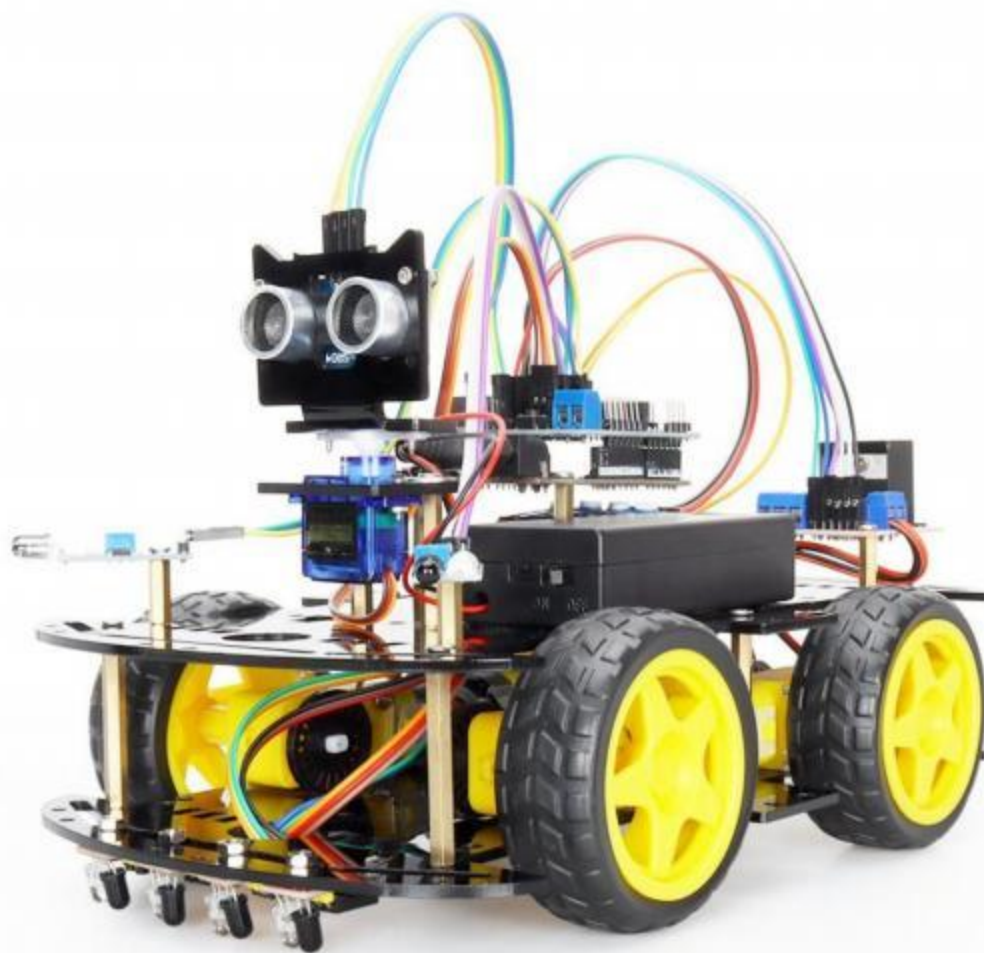
Products

Function Introduction

Features



Product Display



Product Performance Parameters:

Working voltage: 5v

Input voltage: 7-9V Maximum

output current: 2A Maximum

power consumption: 25W (T=75℃) Motor

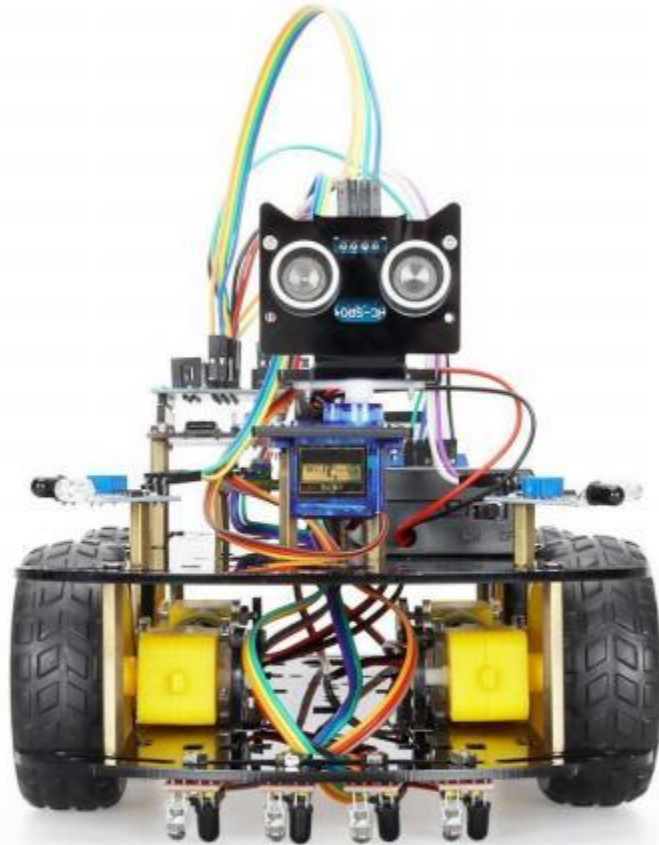
speed: 5v 200rpm/min Ultrasonic sensing

angle: < 15 degrees Ultrasonic detection

distance: 2cm~400cm Bluetooth remote control

distance: 10~50 meters Servo angle range:

0~180°



Product features:

1. The car base with high cost performance and best-selling style is used for development.
2. The four-way tracing module is used to realize more complex line tracing functions.
3. A complete set of tutorials is provided for enthusiasts to learn programming.
4. The product has stable performance and complete functions; it has strong scalability, high playability, and is convenient (students, DIY maker enthusiasts) Customer learning reference.
5. The overall packaging is simple and cost-effective.

Product Weight



Product Weight: 807g

Our Customers

Maker(Programming Organization)

The purpose of purchase is to use our products to realize some of his own DIY ideas



Student

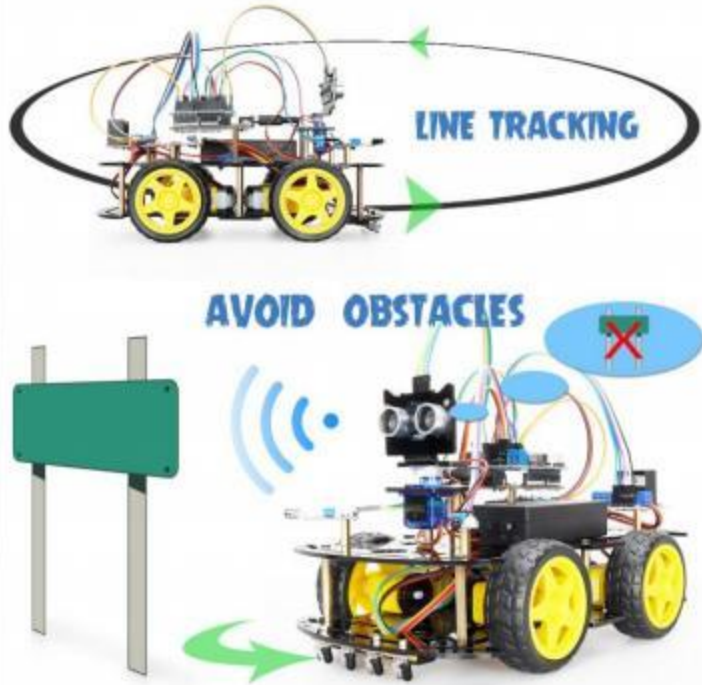
By purchasing our products, you can learn Arduino programming knowledge and participate in various electronic DIY programming competitions.

Others(Gifts)

Buy our products as gifts for your juniors



Function Display



Features

1

Use UNO control board combined with L298N motor driver module to make intelligent vehicle control system

Product performance stability is enhanced.

2

Provides a complete tutorial manual and related source code, based on Arduino development, with rich learning resources;

3

DIY assembly and construction can cultivate children's hands-on ability.

4

The product supports DIY expansion.

The End

Thanks For Your Attention

