MINI DIY Obstacle avoidance car kits

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.
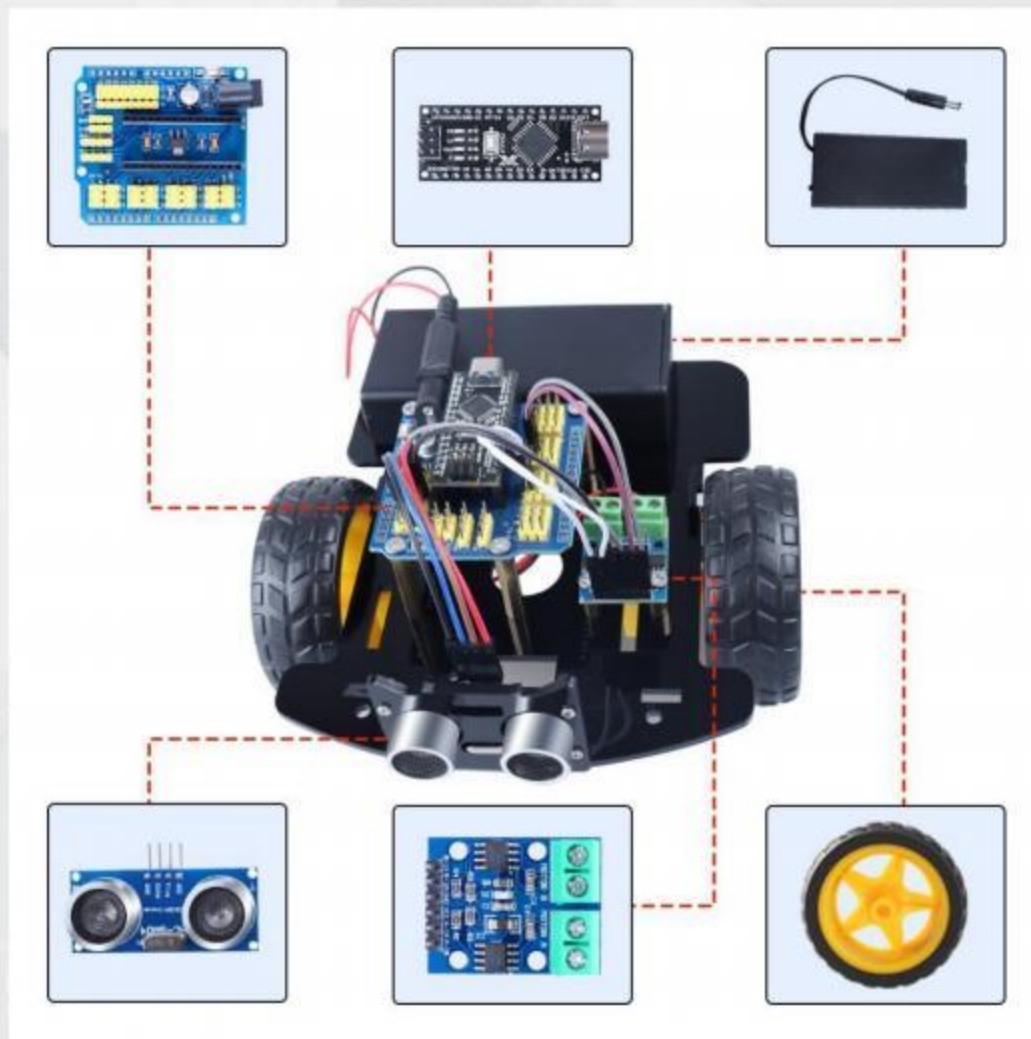
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Product Display

Product Performance Parameters:

Mainboard operating voltage: 5v

Input voltage: 7-9V Maximum

output current: 2A Maximum power

consumption: 25W (T=75ÿ Motor (12V) 620 rpm

Ultrasonic sensing angle: < 15 degrees

Ultrasonic detection distance: 2cm~400cm
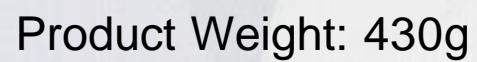
Bluetooth remote control distance: 10~50 meters Servo

angle range: 0~180°

Product features:

1. Adopts Zhiyi's new Typee-c nano as the main control board; the product performance is stable.
2. Product DIY assembly is simple and convenient, and it can cultivate children's hands-on ability.
3. Provide basic usage tutorials for easy use by users.
4. Adopt the hot-selling ultrasonic module to realize the ultrasonic obstacle avoidance function.
5. The overall packaging design of the product adopts bag packaging, which is simple to use.
6. The overall performance is very high, and it adopts the hot-selling expansion board with strong functional expansibility.

Product Weight

Product Weight: 430g

Our customers

Maker(Programming Organization)

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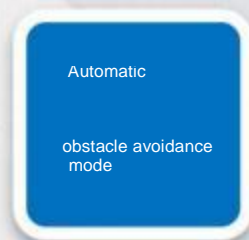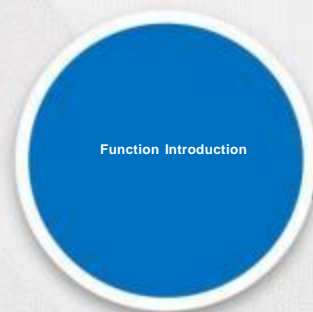
Student

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

Others(Gifts)

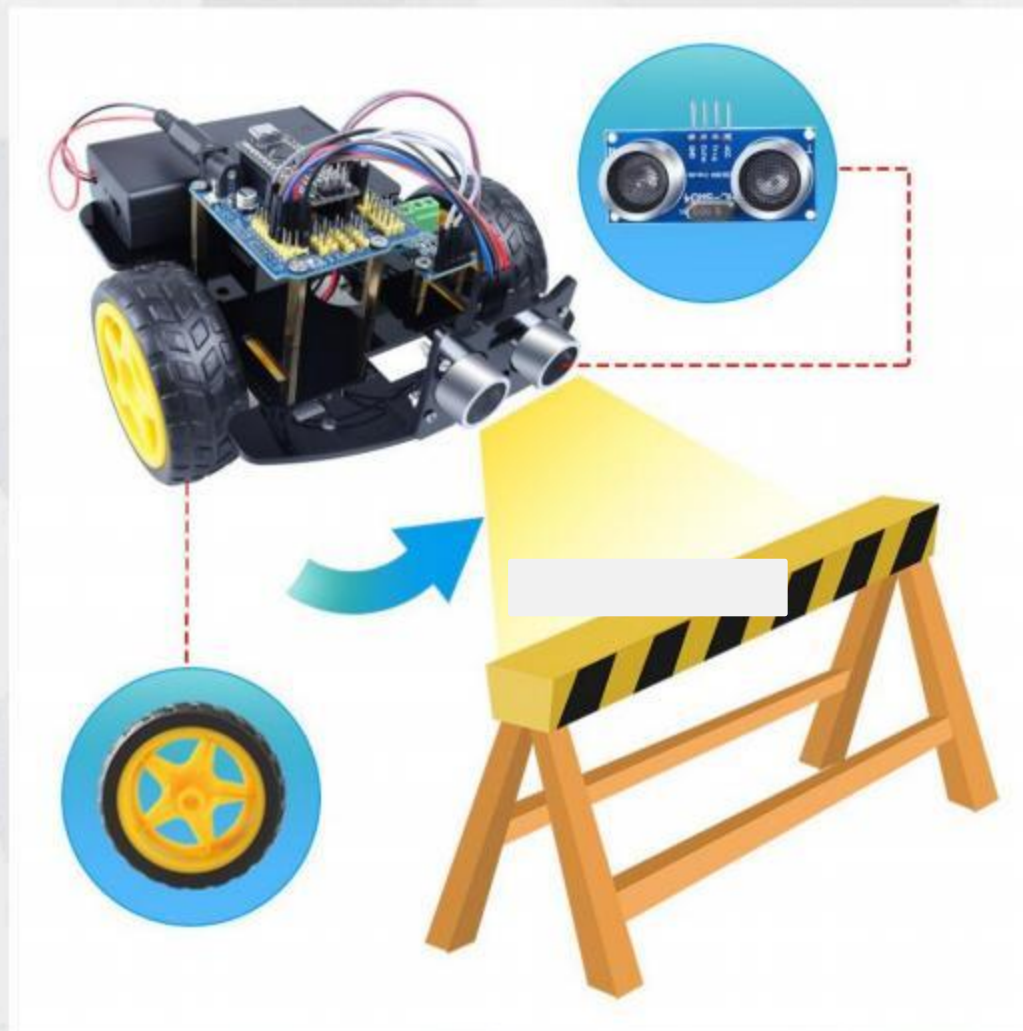Buy our products as gifts for your juniors

Function Introduction

Automatic

obstacle avoidance mode

Automatically avoid obstacles through ultrasonic module detection.

Function Display

Features

1. Use NANO control board combined with motor drive module to make intelligent vehicle control system products

   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