ZHIYI智懿

ESP32Bot1.0 Intelligent car

--- Product Introduction

ZYC0024

ZHIYI智譯

Introduction

ESP32Bot1.0 is a microcontroller learning and application development system with ESP32 CAM as the core. ESP32-CAM is a very compact camera development board with ESP32-S chip, OV2640 camera, microSD card slot and multiple GPIOs for connecting peripherals . OV2640 is a 1/4-inch CMOS UXGA (1632*1232) image sensor. The small size and low operating voltage of the sensor provide all the functions of a single UXGA camera and image processor. The kit contains a large number of interesting programs that can expand external circuit modules, thereby increasing the fun of developing MCU systems and staying away from the boring theoretical knowledge of learning MCU.

ESP32Bot1.0 Car is a multifunctional, fun and entertaining smart robot toy specially developed for teenagers over 12 years old

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CONTENTS

ZHIYI智譯

Product display

ZHIYI智譯

Product Performance Parameters

(1) Motor parameters: Voltage range: 6-9V, reduction ratio 48:1.

(2) The motor control uses the L298N driver module to achieve true isolation from the MCU.

(3) The smart car can be controlled through the Internet.It realizes the real-time video monitoring function.

(4) Using an external antenna main control board enhances the WiFi transmission and reception signals, making the performance more stable.

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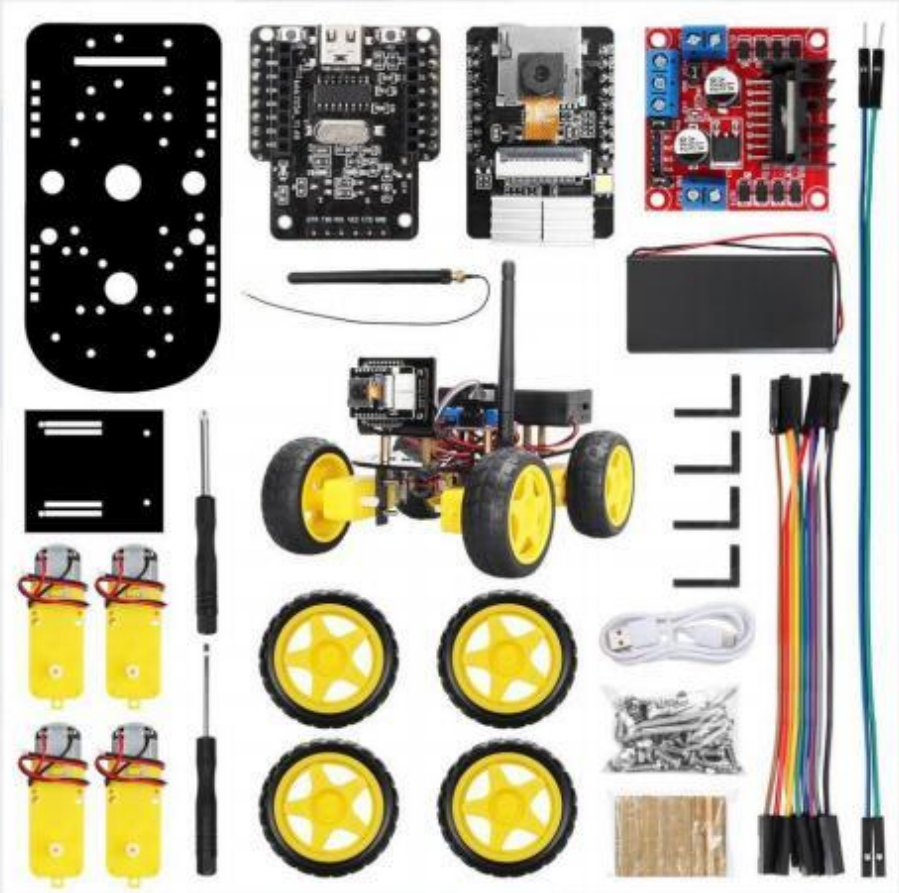
Product materials



Usage scenarios

Our customers

Maker

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

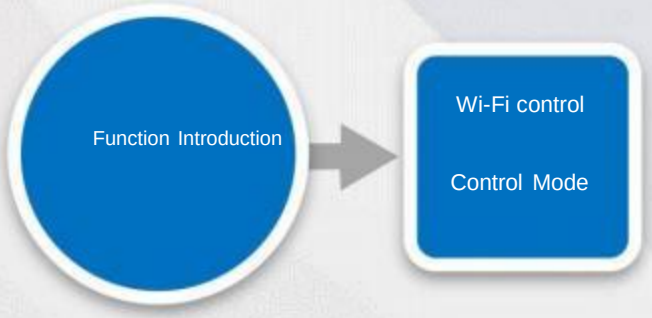
Student

Learn Arduino our products.

programming knowledge by purchasin

Other

Buy our products as gifts for your juniors



Real-time video monitoring remote control mode via WIFI.

Features

1. Using ESP32 CAM external antenna control board combined with ESP32 CAM expansion board and L298N motor driver board, making intelligent vehicle control system, performance stability increased

2. Developed based on Arduino, open source and free, with rich learning resources;

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

The End

Thanks For Your Attention