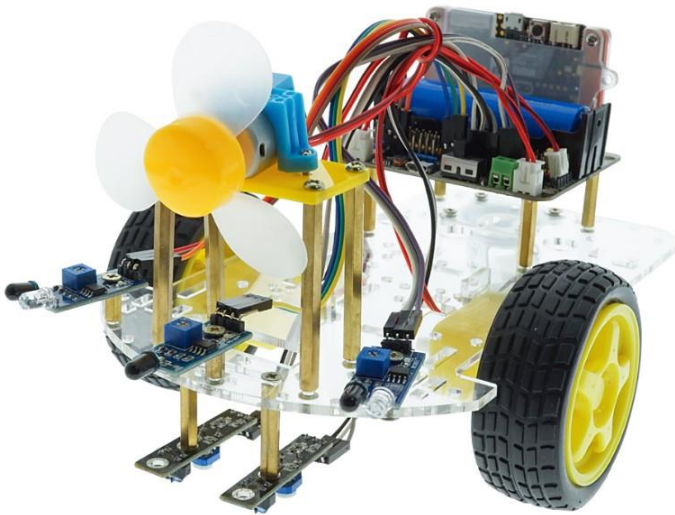


Smart Robot Car Kit Line Tracking Fire Fighting Infrared Remote Control For Micro:bit

Product Description

- Module Type: Fire Fighting Smart Robot Car Kit
- Power Apply:6V-9V
- Input voltage:7V-12V
- Weight: 850g
- Application:Smart electronic fans or starters,DIY project



Overview:

CCROBOT DIY smart car kit features easy assembly, no welding required, and packaged with detailed tutorials (includes video instructions, schematic diagram and source code), designed for both beginners and professionals to learn and develop electronics, programming and robotics.

Note:This kit includes installation method,wiring diagram,codes,labraries and lessons.Teach you how to assembly the smart robot car kit and use control board connect with module.18650 battery is not included.

Description:

1. The most economical and fun robot car kit with simple mechanical structure, a nice system and very easy to install.
2. Code with the tutorial which bring you to the robot car world.

3. The IR Infrared Flame Thermal Temperature Sensor to sense the flame and automatically turn on the fan to extinguish,
4. 2pcs line tracking module can control the car according to the specific travel.
5. The Infrared photoelectric sensor module can help cars automatically identify obstacles and avoid obstacles
6. IR receiver assist you control the car by remote.
7. Redesigned interfaces to meet demands of different users.

Tutorial Content:

Lesson 1 Car Assembly Guide

Lesson 2 Programming Environment

Lesson 3 Robot Trolley Exercise

Lesson 4 Car infrared inspection line

Lesson 5 Robot car line patrol fire extinguishing

Lesson 6 Robot trolley line patrol alarm and fire extinguishing

Lesson 7 Robot car avoids obstacles

Lesson 8 Robot Car following object movement

Lesson 9 Infrared Remote Control Robot Car

Lesson 10 Bluetooth remote control robot car(Only applicable to future upgrades)

Note:After purchasing the kit, please contact us for the tutorial materials.

Package Listing:

Microcontroller board*1

Expansion board python*1

IR Infrared Flame Thermal Temperature Sensor*1

Infrared photoelectric reflection obstacle avoidance sensor module*2

IR mini remote control*1

1 Channel Tracing Sensor Module*2

Acrylic sheet body*1

Intelligent Car Gear Motor with cable*2

Intelligent Car Wheel*2

Universal wheel*1

20cm Male TO Male 40Pin Solderless Jumper Breadboard Wires*1

130 motor mount*1

Soft leaf fan*1

USB Cable*1

3V-6V DC Hobby Motor Type 130 with cable*1

Copper column*Several

Screw and nut*Several

Specification:

Power Apply:6V-9V;

Input voltage:7V-12V

Reduction Gear Ratio:1:48

Size:23cm*12cm(Length*Width)

Color:Transparent

Material:PCB

Pack Size:30cm*20cm*20cm

Weight:850g

Package Include:

1 X Smart Robot Car DIY Kit