FUNCTION

Original version(1.0)

To remotely control the car by mobile phone WIFI, the car can automatically detect the obstacles ahead and make a sound to avoid them, and the car can respond after receiving the instructions. Extension: The car can be controlled by voice, and the car can automatically move forward and avoid obstacles. The car can enter complex terrain and detect obstacles behind it.

1.1

Considering the limitations of the original functions, we have added or improved the following functions: Added tracking and following functions, increased speed display and speed regulation.

1.2

During the test, we found that the car was too stiff in turning. We solved the problem of smooth turning and added motor speed regulation.

1.3

The car can be controlled by Bluetooth, and supports custom buttons.

Known BUG fixes

In the test, we found that the car could not be controlled when it was too close to obstacles.（Resolved）We have modified the distance parameter, and when the car is too close to the obstacle, it will retreat by itself.

How to install software and debugging tools

1. Download KEILL software

Installation guide

Please download the genuine software, import it into the project after successful download, debug and compile it in the project and update the serial port.

2. Download mobile phone Bluetooth assistant software.