

## OKY5007

### Product Name:Obstacle Avoidance Tracking Infrared Bluetooth Control Smart Car Kit

**Product Module:** OKY5007

#### Product Description:

- 1.Keyestudio small turtle robot is a learning application development system of microcontroller. It's based on microcontroller series atmega-328. It has functions such as line tracking, obstacle avoidance, infrared remote control and Bluetooth wireless remote control. This kit contains many interesting programs. It can also be expanded to have external circuit module to have other functions. You can learn MCU development ability while having fun.
- 2.Motor parameters: voltage range: 1.5-12V; motor shaft length: 10 mm; revolving speed: 6.0 V 100 RPM/min.
- 3.Use L298N driver module for motor control, true separation from microcontroller.
- 4.Three line tracking modules, detecting black and white line, high precision, can also be used in fall prevention.
- 5.Infrared remote communication module makes up the remote control system.
- 6.Ultrasonic module makes up the obstacle avoidance system.
- 7.With bluetooth wireless module, remotely control the robot after bluetooth pairing with mobile phone.
- 8.Can be used under external 7~12V voltage, also with various sensor modules to realize various functions.

#### Package Included

Packing List	Qty
Metal Gear Motor with Wheel	2
Quality tires	2
Motor Mount	2

Robot Chassis	2
Servo	1
PTZ	1
Ultrasonic Module	1
L298N motor driver board	1
UNO328 panel	1
UNO R3 controller	1
Bluetooth slave	1
Three groups hunt module	1
IR receiver sensor	1
SCM Remote Control	1
18650 Battery Case+ 18650 Charger	1
DuPont line*40	1
Pillars 35MM	4
Pillars 10MM	2
Several 3MM screw nut	1