

## OKY5002

### Product Name:Bluetooth Ultrasonic For 1602LCD Atmega-328P Smart Car Robot Starter Kit

**Product Module:** OKY5002

#### Product Description:

- 1.This smart car kit is a microcontroller learning and application system. It takes atmega-328p as its core to realize line-tracking, obstacle-avoidance and remote control functions. This kit contains lots of fun programs and can be expanded with external circuit module to enhance the car's capability.
- 2.This kit aims to let users learn microcontroller system while having fun! We'll provide guidance and installation instructions on demand.
- 3.Reduction ratio of the gear motor: 1:48; driving voltage: 6V.
- 4.Control motor adopts L298N drive module to realize seperation from microcontroller.
- 5.Three groups of line-tracking module for detecting black and white lines, which is of higher precision and also can be used for anti-drop control.
- 6.The car's remote control system is comprised of infrared remote control communication module.
- 7.Bluetooth wireless communication module to realize wireless remote control at a close distance.
- 8.The car is 23cm in length and 12cm in width. It can be connected to 7V~12V voltage and carries multiple sensor modules to realize various functions you want.

#### Package Included

Packing List	Qty
Stepper Motor+Wheel+Motor fixed block	4
100x213x5mm perspex sheet	1

L298N driver board	1
Arduino uno 328 controller	1
Arduino sensor shield V5	1
PTZ	1
1602I2C LCD Screen	1
Ultrasonic module	1
3 channel tracking module	1
Infrared receive sensor	1
Transducer	1
18650 battery holder + Charger	1
Bluetooth module	1
USB cable 1M	1
Dupont wire	30
Copper cylinder M3*35mm	6
Copper cylinder M3*20mm	3
Copper cylinder M3*6mm	6
M3 3mm screw and nut	1