

SEED-110090325

Robot Car Kit-6WD Off-Road Chassis Kit



PRODUCT DETAILS

The newly designed 6WD mobile platform uses a 2mm aluminum alloy for one-time stamping and the surface is then sprayed. 6 high-speed DC motors (original 17000 rpm), combined with 1:34 full metal gearbox, enable the car to obtain strong off-road performance.

The shock absorption design is the highlight of the car. The six hydraulic spring dampers are used to securely connect the motor to the upper body, which gives the platform a better road penetration capability, especially for some complex bumpy roads.

The 6WD mobile platform can be installed with different types of control boards or controllers, such as Arduino or Raspberry Pi.

The upper chassis uses a 3mm mounting hole, and the horizontal 12mm, vertical 14mm hole spacing can be installed in a wide variety of sensors, or additional features such as the installation of a robot. The upper base plate reserves the mounting holes of the Arduino platform and the Raspberry Pi platform.

Performance:

Vehicle size: 28*21*11.5cm

Vehicle quality: 1.4kg

Maximum load: 6kg

Working voltage: 12V

Rated current: 350mA*6

Motor original speed: 17000rpm

Output shaft speed: 500rpm

Rated torque: 5kg/cm



Part List :

2 x Chassis
3 x U-shaped bracket
3 x U-shaped shock absorber bracket
6 x Motor bracket
6 x Shock absorber
6 x JGA25-370 motor
6 x 18-4MM coupling
6 x wheel
8 x Copper column
12 x Flange bearing
6 x Spring
1 x switch
2 x AWG wire
10 x Cable tie
1 x Cross sleeve
6 x M2.5 * 14mm
6 x M2.5 * 16mm
12 x M2.5 locknut
28 x M3 * 6mm
24 x M3 * 10mm
24 x M3 locknut