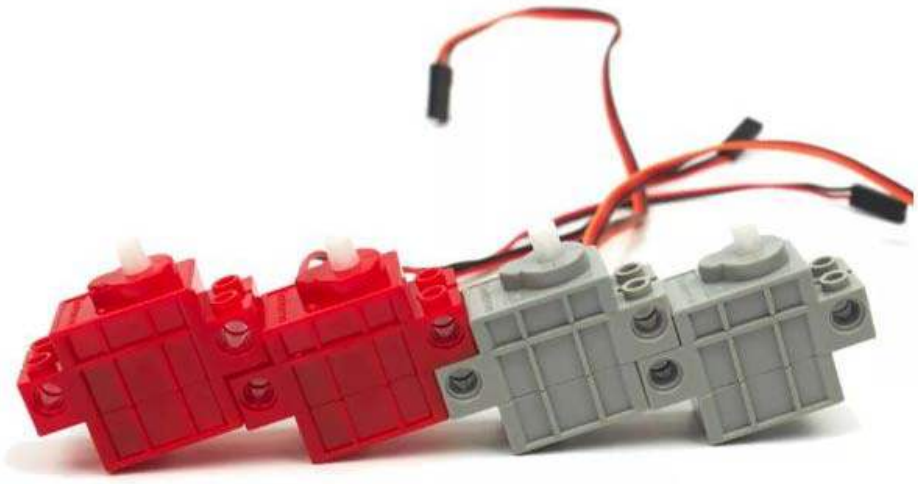
Kittenbot LEGO compatible 270° Geek Servo & 360° Geek Motor

SKU 108990063



Kittenbot Geek servo & motor kit contain 2pcs gray color 270°servo and 2pcs red color 360°motor, both with LEGO compatible casing for building your projects fast with LEGO and Micro:bit/Arduino/Raspberry Pi.

Features

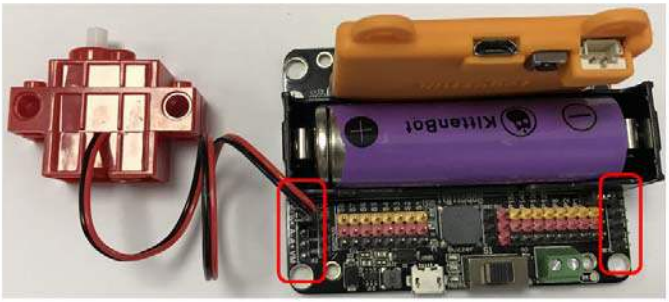
- Using high-quality motors and high-quality brush materials.
- Practicality, durability, and longevity, far beyond the 9g small steering gear.
- Strong compatibility, whether it is the program or mechanical structure for LEGO-build, as far as possible compatible processing.
- The control is simple, similar to the conventional 9g small steering gear control method, the 90° pulse width is 1500, and the decelerating DC motor with measurable speed is the main one.
- Small size, good design, self-contained cross output shaft.

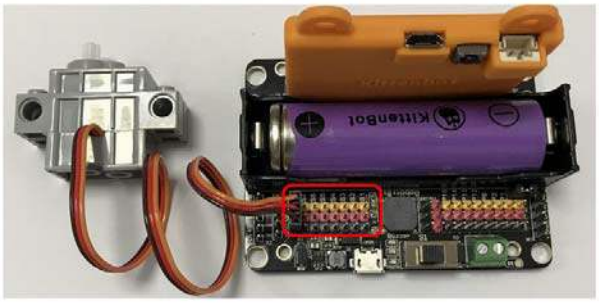
Specifications

- Working voltage: 3.3V~6V
- Rated voltage: 4.8V
- Rated current: 200ma

- Stall current: 700ma
- Sliding current: 450ma
- Maximum torque: 500g.cm
- Angle speed of the gray color servo: 60°/0.12s
- Maximum RPM of the red color motor: 70
- Net weight: 12.8g (a single servo), 12.4g (a single motor)
- Quantity: 2pcs gray color servo + 2pcs red color motor

Connect to Robotbit



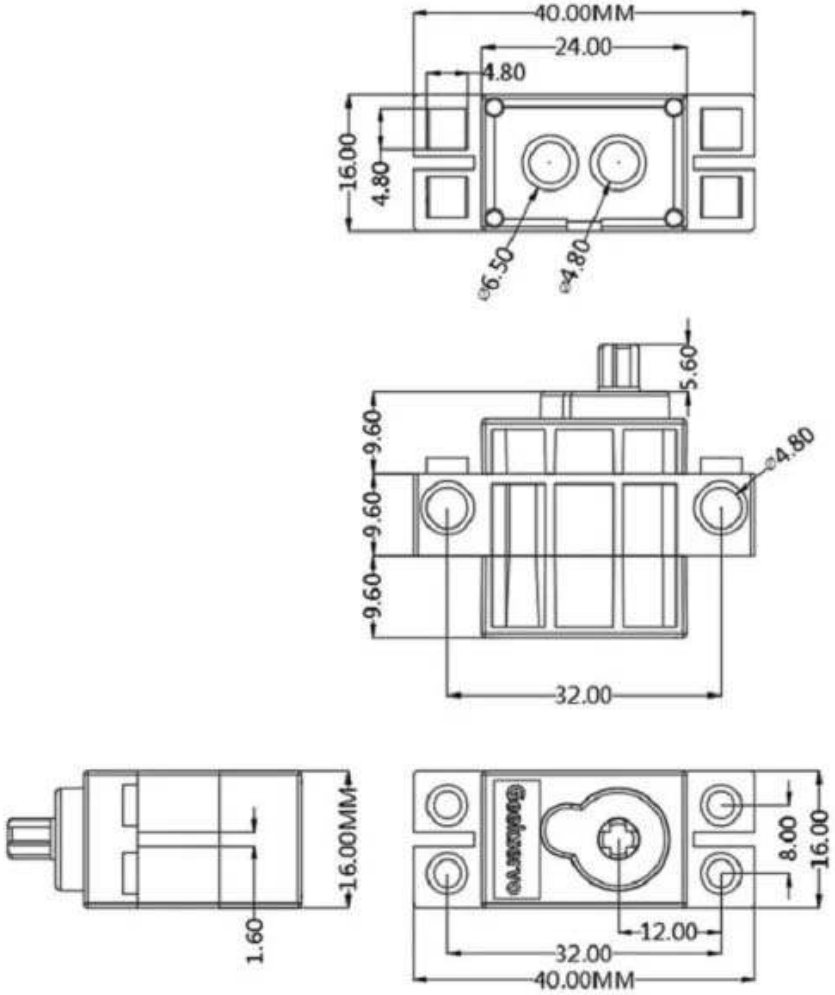


Conventional servo steering line sequence:

Red positive

Brown negative electrode

Yellow data pin (control pin)



Part List

Gray Color Servo x 2
Red Color Motor x 2

ECCN/HTS

ECCN	EAR99
HSCODE	8501101000

https://www.seeedstudio.com/Kittenbot-LEGO-compatible-270-Geek-Servo-360-Geek-Motor-p-2950.html 5-16-19