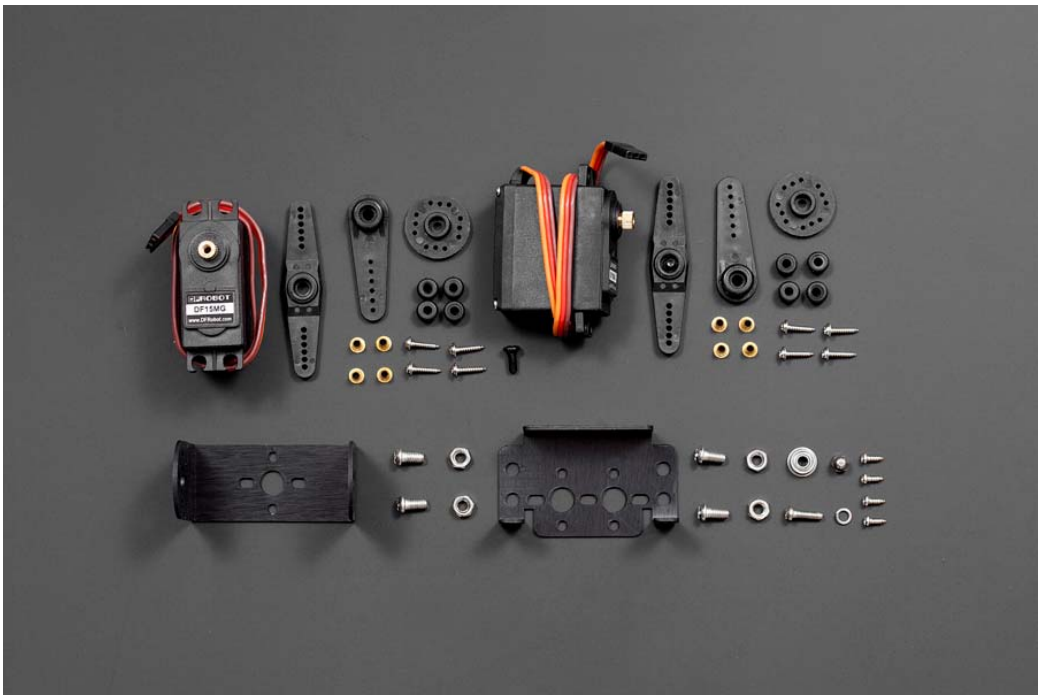
DF15MG Tilt/Pan Kit (15kg)

SKU:FIT0046



INTRODUCTION

This is a 2DOF Pan and Tilt Kit assembly for horizontal surface mount. It equipped with a DF15MG servo which offers 15 kg high-torque, it can carry a much heavier Camer or tools compared with other Pan/Tilt kit. It is great to facilitate the installation of cameras, video surveillance. It can also be used to install infrared sensors or ultrasonic distance measuring sensors or the combinationd for combo detection devices, so that the robot can sense the surrounding obstacles, enabling the robot obstacle avoidance capabilities. Of course, a variety of sensors can be installed through the Arduino controller to complete a variety of new interactive works.

SPECIFICATION

- Voltage: +4.8 ~ 7.2V
- Current: 180mA (4.8V); 220mA (6V)
- Horizontal rotation: about 150 degrees
- Vertical rotation angle: 150 degrees
- Operating temperature: 0 ℃ -60 ℃
- No load speed: 0.17 sec / 60 degrees (4.8V); 0.25 sec / 60 degrees (6.0V)
- Torque Size: 10Kg · cm (4.8V) 12KG · cm (6V) 15KG · cm (7.2V)
- Dead Set: 10us
- Servo line order: Brown Line power negative, red is power, the yellow line control signal
- Size: 80X60X60mm (3.1x2.4x2.4 in)
- Weight: 180g

DOCUMENTS

- **Assembly guide** http://image.dfrobot.com/image/data/FIT0045/Pan-tilt--assembly-guide-v0.1.rar

SHIPPING LIST

- DF15MG Standard Servo x2
- Aluminum multifunction x1
- Aluminum U-shape bracket x1
- Bearing cup x1
- High-quality sets of screw nuts x1