**Product Name:** GPX RWD Smart Robot Racing Car (BLDC)  
**DFRobot SKU:** ROB0156

**Introduction:**
The GPX RWD Smart Robot Racing Car (BLDC) is a powerful racing platform. It is constructed with Aluminium-Alloy material and comes with two brushless motors with related ESC (Electronic Speed Controller). Furthermore, the racing kit comes with a servo motor and necessary cable to connect with development boards such as the NXP RDDRONE-FMUK66. The front steering knuckle is designed with spring suspension, which makes the driving more stable. For your convenience, the DFRobot chassis contains a pole and mount to add sensors such as a camera. This kit is highly reliable and provides sufficient space to add further components. Bumpers in the front and in the back secure the car of getting damaged when hitting a wall.

You would need to add a development board and a vision sensor such as the Pixy2Cam.

**Specification**
Material: Aluminium-Alloy  
Rod length: 330mm  
Wheel Size: 65mm  
Brushless motor KV: 930KV  
No-load current: 0.5 A  
Max current: 15A  
ESC Operating Voltage: 7.2~12.6V  
Servo Operating Voltage: 4.8 - 7.2 V  
Assembled Dimensions (L x W x H): 30cm x 16cm x 7cm (rectangular base)  
Assembled Dimensions (L x W x H): 30cm x 16cm x 30cm (upper deck)

**Shipping List:**
GPX RWD Smart Robot Racing Car x1  
Pixy2Cam Adapter cable x1  
930KV BLDC motor x2  
30A brushless ESC x2  
MG996R servo x1  
330mm camera rod x1
Product Name: GPX RWD Smart Robot Racing Car (DC)
DFRobot SKU: ROB0157

Introduction
The GPX RWD Smart Robot Racing Car (DC) is a powerful racing platform. It is constructed with Aluminium-Alloy material and comes with two DC motors with related brushed servo ESC (Electronic Speed Controller). Furthermore, the racing kit comes with a motor and necessary cable to connect with development boards such as the NXP RDDRONE-FMUK66 or ARC Board. The front steering knuckle is designed with spring suspension, which makes the driving more stable. For your convenience, the DFRobot chassis contains a pole and mount to add sensors such as a camera. This kit is highly reliable and provides sufficient space to add further components. Bumpers in the front and in the back secure the car of getting damaged when hitting a wall. You would need to add a development board and a vision sensor such as the Pixy2Cam.

Specification
Motor Operating Voltage: 6~12V
Motor No-load MAX current: 1.2A
Locked-rotor current: 3 A
ESC Operating Voltage: 6~14V
Servo Operation Voltage: 4.8 - 7.2 V
Camera mount height: 330mm
Driver wheel diameter: 65mm
Assembled Dimensions (L x W x H): 30cm x 16cm x 7cm (rectangular base)
Assembled Dimensions (L x W x H): 30cm x 16cm x 30cm (upper deck)

Shipping List:
GPX RWD Smart Robot Racing Car x1
Pixy2Cam Adapter cable x1
370 DC motor x2
30A brushed ESC x2
MG996R servo x1
330mm camera rod x1