



DFROBOT[®]
DRIVE THE FUTURE

Gravity: 37 Pcs Sensor Set for Arduino

SKU:KIT0150



INTRODUCTION

Go interactive with your applications with this new sensor kit! 37 [sensors](#) are included in one kit, which definitely gives you a bigger bang for your buck.

In the version of this sensor kit, we add more sensor [modules](#) like, color sensor, digital wattmeter, heart rate monitor sensor, conductivity sensor switch, and digital shake sensor. Besides that, there are RGB LED module, speaker, vibration motor module, DC motor module and RGB backlight display to help you build up your interactive projects.

Use a variety of sensors to realize your brilliant idea! All of our sensors employ Gravity standard interface, plug and play, also we have a huge amount of code data for your reference. Plug everything in our IO expansion board, burn the codes into it, and then you are ready to go.

With everything included in this kit, you will be able to sense color, heart rate, light, temperature, gas, humidity, flame, direction or let you project speak, shine, and display text. It can almost meet all your needs but the price is more favorable!

This sensor kit supports the [Raspberry Pi](#) and [Arduino](#) Programming platform as well as visual programming software like mind+, you can get started easily with them!



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Welcome to visit our Mind+ forum to share your opinion with us or go to our blog to find more ways to play!

FEATURES

- Gravity Interface, plug and play, easy to use
- More sensors and actuators, more ways to play
- High quality and durable products with elaborate design

SPECIFICATION

Information Recognition

- Color Sensing
- Heart Rate Monitoring
- Sound Sensing
- Distance Detecting
- Magnetic Force Sensing
- Acceleration Sensing
- Vibration Sensing
- Touch Sensing
- Gas Sensing
- Pressure Sensing
- Temperature Sensing
- Humidity Sensing
- Voltage/Current Sensing
- Angle Sensing
- Gravity Sensing
- Flame Sensing
- Liquid Sensing

Information Expression

- Sound
- Light
- Wind
- Display