

Product Name: Gravity: 37 Pcs Sensor Set

Recommended Products:

1. KIT0011 Gravity: 27 Pcs Sensor Kit for Arduino

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 Arduino Programming platform as well as visual programming software like mind+, you can get started easily with them!

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

To help you build projects easily, we have several expansion boards for you to choose, click to the link to buy:

[Gravity IO Expansion Shield for Arduino V7.1](#)

[Micro:bit Driver Expansion Board](#)

[FireBeetle Covers-Gravity I/O Expansion Shield](#)

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

Shipping List

Gravity: TCS34725 RGB Color Sensor For Arduino	[SEN0212]	x1
Gravity: Heart Rate Monitor Sensor for Arduino	[SEN0203]	x1
Gravity: I2C Digital Wattmeter	[SEN0291]	x1
Gravity: Conductivity Sensor Switch - DFRobot	[SNE0223]	x1
Gravity: Digital Shake Sensor	[SEN0289]	x1
Gravity: Analog Grayscale Sensor For Arduino	[DFR0022]	x1
Gravity: Analog LM35 Temperature Sensor For Arduino	[DFR0023]	x1
Gravity: Analog Ambient Light Sensor For Arduino	[DFR0026]	x1
Gravity: Digital Vibration Sensor	[DFR0027]	x1
Gravity: Digital Tilt Sensor for Arduino / Raspberry Pi	[DFR0028]	x1
Gravity: Digital Capacitive Touch Sensor For Arduino	[DFR0030]	x1
Gravity: Digital Magnetic Sensor	[DFR0033]	x1

Gravity: Analog Sound Sensor For Arduino [DFR0034]	x 1
Gravity: Analog Carbon Monoxide Sensor (MQ7) For Arduino [SEN0132]	x 1
Gravity: Analog Voltage Divider V2 [DFR0051]	x 1
Gravity: Digital Piezo Disk Vibration Sensor [DFR0052]	x 1
Gravity: Analog Rotation Potentiometer Sensor V2 For Arduino [DFR0058]	x 1
Gravity: Joystick Module V2 [DFR0061]	x 1
Gravity: Analog Flame Sensor For Arduino [DFR0076]	x 1
Gravity: Triple Axis Accelerometer MMA7361 [DFR0143]	x 1
Gravity: Digital Infrared Motion Sensor For Arduino [SEN0018]	x 1
Gravity: URM09 Analog Ultrasonic Sensor [SEN0307] x 1	
Gravity: Analog Soil Moisture Sensor For Arduino [SEN0114]	x 1
Gravity: Steam Sensor [SEN0121]	x 1
Gravity: Digital Push Button (White) [DFFR0029-W]	x 1
Gravity: Digital Push Button (Red)-DFRobot [DFR0029-R]	x 1
Gravity: Digital Push Button (Yellow) [DFR0029-Y]	x 1
Gravity: Digital White LED Light Module [DFR0021-W]	x 1
Gravity: Digital RED LED Light Module [DFR0021-R]	x 1
Gravity: Digital Green LED Light Module [DFR0021-G]	x 1
Gravity: Digital Blue LED Light Module [DFR0021-B]	x 1
Gravity: Digital RGB LED Module [DFR0605]	x 1
Gravity: Digital 5A Relay Module [DFR0017]	x 1
Gravity: Digital Speaker Module [FIT0449]	x 1
Gravity: Vibration Motor Module For Arduino [DFR0440]	x 1
Gravity: 130 DC Motor Module [DFR0411]	x 1
Gravity: I2C 16x2 Arduino LCD with RGB Backlight Display [DFR0464]	x 1