



Part Number: KIT0011

Description: Gravity: 27 Pcs Sensor Kit for Arduino

INTRODUCTION

If you want to start playing with sensors, this sensor kit for arduino will be the perfect choice for you to get started. It comes with bundle of the most popular DF Robot sensors such as [light sensors](#), [gas sensors](#), [sound sensors](#), [touch sensors](#), [distance sensor](#), [accelerometer](#) and lots more which gives unlimited possibility to sense the physical world on your embedded devices.

The wiki for these sensors and devices makes it easy to start learning. So save by purchasing them together and start experimenting now!

- Great for experimenting and learning
- Useful for [most projects](#)
- Bundle of the [most popular sensors](#) from DF Robot

To connect these [sensors to Arduino](#), we suggest to use our [Gravity: Audino IO expansion shield](#) which has color coded pins that provides a much easier way to link sensors to microcontroller. For further information check each device documentation on the shipping list link.



SPECIFICATION

- Light sensing
- Sound sensing
- Distance sensing
- Magnetic sensing
- Accelerometer sensing
- Vibration sensing
- Touch sensing
- Gas sensing
- Steam sensing
- Push sensing

SHIPPING LIST

- [Relay Module V2](#) (DFR0017)x1
- [Digital RED LED Light Module](#) (DFR0021R)x1
- [Digital White LED Light Module](#) (DFR0021)x1
- [Digital Green LED Light Module](#) (DFR0021G)x1
- [Digital Blue LED Light Module](#) (DFR0021B)x1
- [Analog Grayscale Sensor](#) (DFR0022)x1
- [LM35 Analog Linear Temperature Sensor](#) (DFR0023)x1
- [Analog Ambient Light Sensor](#) (DFR0026)x1
- [Digital Vibration Sensor](#) (DFR0027)x1
- [Digital Tilt Sensor](#) (DFR0028)x1
- [Digital Push Button](#) (DFR0029)x1
- [Capacitive Touch Sensor](#) (DFR0030)x1
- [Digital magnetic sensor](#) (DFR0033)x1
- [Analog Sound Sensor](#) (DFR0034)x1
- [Analog Carbon Monoxide Sensor](#) (MQ7) (SEN0132)x1
- [Analog Voltage Divider](#) (DFR0051)x1
- [Piezo Disk Vibration Sensor](#) (DFR0052)x1
- [Analog Rotation Sensor V2](#) (DFR0058)x1
- [Joystick Module](#) (DFR0061)x1
- [Flame sensor](#) (DFR0076)x1
- [Triple Axis Accelerometer MMA7361](#) (DFR0143)x1
- [Digital Infrared motion sensor](#) (SEN0018)x1
- [Sharp GP2Y0A21 Distance Sensor \(10-80cm\)](#) (3.94-31.50") (SEN0014) x1
- [Soil Moisture Sensor](#) (SEN0114) x1
- [Digital Push Button \(Red\)](#)(DFR0029-R) x1
- [Digital Push Button \(White\)](#)(DFR0029-W) x1
- [Steam Sensor \(SEN0121\)](#) x1