

# Gravity: WiFi IoT Module

TEL0126

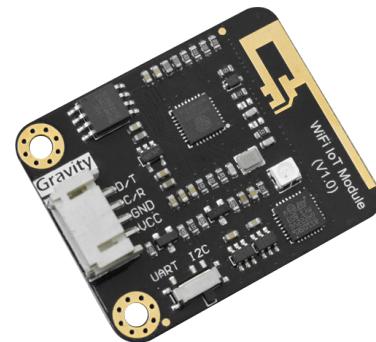
## Product Overview

07/19/2022

For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

## Description

DFRobot Gravity: WiFi Internet of Things (IoT) module is ideal for smart home projects and IoT classroom teaching. This module supports multiple programming platforms like Arduino IDE, MakeCode, and Mind+. The WiFi IoT Module can also be used in various popular IoT platforms like ThingSpeak, Easy IoT, IFTTT, and SloT. The IoT module is designed with an easy-to-use gravity interface and employs I<sup>2</sup>C communication protocols and UART.



## Features

- Supports Arduino IDE programming, MakeCode, and Mind+ graphical programming
- I<sup>2</sup>C and UART communication
- Supports main controller Arduino and micro:bit
- Supports protocols like MQTT and HTTP
- Works well with IoT platforms EasyIoT, IFTTT, and ThingSpeak
- PH 2.0P to PH 4P gravity interface

## Specifications

- 3.3V to 5.5V power supply range
- I<sup>2</sup>C and UART communication
- IEEE 802.11b/g/n wireless mode
- WPA WPA2/WPA2-PSK encryption type
- 2.4GHz WiFi frequency
- TCP/IP protocol stack
- 37mm x 32mm/1.46" x 1.26" dimension
- Easy IoT, IFTTT, ThingSpeak, and SloT are supported IoT platforms
- Arduino IDE, MakeCode, and Mind+ supported programming platform

## Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-gravity-wifi-iot-module/>