

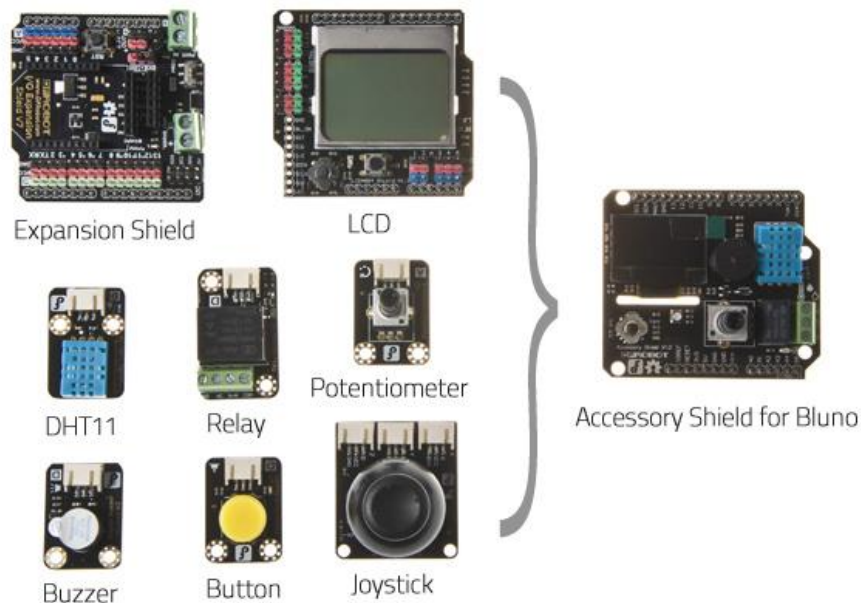
# Accessory Shield for Bluno

## Introduction

This Accessory Shield for Bluno is specially made for Bluno ([BLE with Arduino Uno](#)), which is first of its kind in integrating BT 4.0(BLE) module into Arduino Uno. Together with Bluno, this Accessory Shield forms an ideal prototyping platform for both software and hardware developers to go wireless. You will be able to develop your own smart bracelet , smart pedometer etc through the low- power, real-time low energy communication.

With built-in seven main functional modules, this Accessory Shield is dedicated to aid interactions between your Bluno and the physical world. These useful modules are:

- 128x64 OLED Screen To display text input on your phone interface
- Buzzer To make noises
- DHT11 Temperature&Humidity Sensor To do environmental monitoring
- 1.5A Relay To conduct device switch
- Helical Potentiometer To transfer real time data to your phone
- RGB LED To display full color RGB
- mini Joystick To tell your phone which one in five directions is pressed



If you feel the above functions are not able to cater to your specific needs, we have open sourced both the hardware and software part so that you can DIY your own interface alongside with your prototype. Also with our new [IO Expansion Shield V7](#), hundreds of sensors and shields will make it even more powerful. Enjoy making!



UNO

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BLE

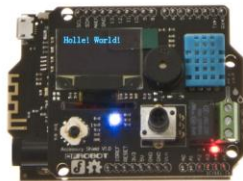
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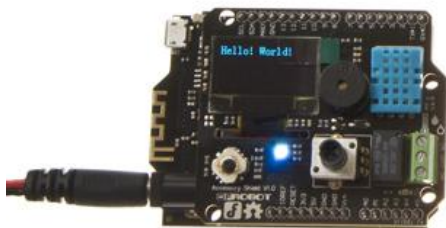
BLUNO



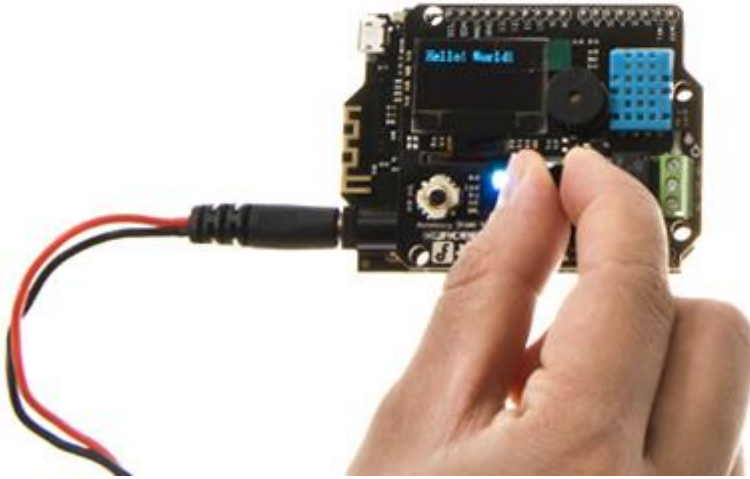
iOS 7



RGB LED



# Potentiometer



## Shipping List

- Accessory Shield for Bluno 1 unit

## Documents

- [Product Wiki](#)
- [Schematic](#)