



## WICED Sense Kit 2 Quick Start



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# Introduction

The WICED Sense Kit 2 is made up of the BCM20737L Bluetooth Low Energy SoC and four ST Microelectronics sensors: gyroscope/accelerometer, eCompass, pressure, and humidity/temperature. The BCM20737L connects directly to the sensors without the need for an external micro-processor. The WICED Sense smartphone application receives and displays real-time data from the sensors.

## Kit Contents

1. One WICED Sense device
2. One USB-to-Micro USB cable
3. This document, which contains information about how to download all required software, including the:
  - WICED Sense sample application for iOS and Android phones.
  - WICED Smart Software Development Kit 2.X


# Setup

## Pair the WICED Sense Kit 2 and a Phone

1. Download the WICED Sense app for the:
  - **iPhone** 4S (or greater) from the iTunes App Store or
  - **Android** phone from Google Play
2. When the download is complete, **start** the WICED Sense app.
3. On the WICED Sense device:
  - a. **Remove** the plastic shipping strip in the battery compartment (pull the tab).
  - b. **Press** the **Wake** button. See the WICED Sense device illustration for the location of the Wake button.
4. Use a sharp object, such as a pin, to **press and hold Reset** on the back of the device in order to use the SDK and USB connection to re-program the kit with custom firmware.

## Kit Components



**NOTE:** Reset is between and slightly below the FCC and CE logos on the back of the device: Reset 

For additional information and/or to download the WICED Smart SDK visit:

<http://www.broadcom.com/wicedsense>

For additional support and/or to download the WICED Sense reference design package, visit:

<https://community.broadcom.com/community/wiced-smart>

### Note:

ST Microelectronics Devices used in the WICED Smart Kit ([http://www.st.com/web/en/catalog/sense\\_power/...](http://www.st.com/web/en/catalog/sense_power/...)):

- Gyroscope/ Accelerometer Combo (L5M6D3)
- eCompass (LIS3MDLTR)
- Pressure sensor (LPS25HBTR)
- Humidity/Temperature Combo (HTS221)