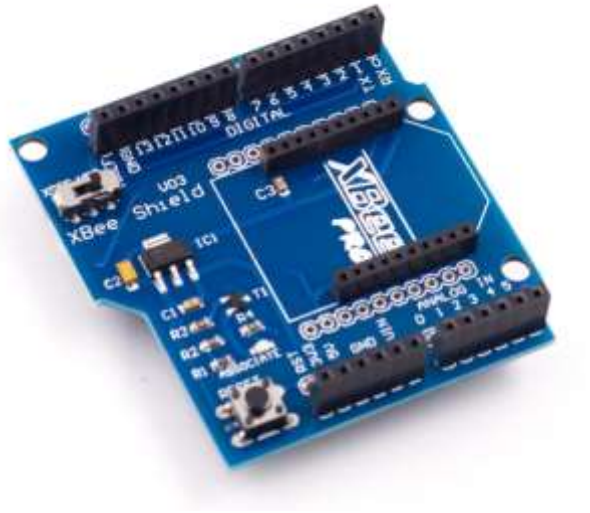
XBee Shield V03 Module Wireless Control



This Bluetooth XBee Shield V03 Module Wireless Control can achieve a simple two crunodal ZigBee network, achieve wireless communication between Arduino, and allows the Arduino to wireless communicate over a modified ZigBee protocol using the popular XBee module. It is based on the Xbee module from MaxStream. The module can communicate up to 100 feet indoors or 300 feet outdoors (with line-of-sight). It can be used as a serial/USB replacement or you can put it into a command mode and configure it for a variety of broadcast and mesh networking options. The shields break out each of the Xbee's pins to a through-hole solder pad. It also provides female pin headers for use of digital pins 2 to 7 and the analog inputs, which are covered by the shield (digital pins 8 to 13 are not obstructed by the shield, so you can use the headers on the board itself). The Xbee shield was created in collaboration with Libelium, who developed it for use in their SquidBee motes (used for creating sensor networks).

It is a fully Assembled shield without the XBee module. This unit works with all XBee modules including the Series 1 and Series 2 (and 2.5), standard and Pro version.

The XBee Shield simplifies the task of interfacing an XBee with your Arduino. This board mates directly with an Arduino Pro or USB board, and equips it with wireless communication capabilities using the popular XBee module.

Features :

- Stackable design, easy to plug into the ARDUINO development board.
- Coupled with the Arduino Bluetooth Bee Bluetooth module, and other Bluetooth devices can communicate Wirelessly.
- Coupled with the XBee module, you can achieve two or more sets of communication between Arduino or Arduino and PC Communications.
- 3.3v and 5v dual power output.
- 3.3v and 5v IO compatible.
- USB 2.0 protocol.
- Bitbang mode ready.

- Easily connected to a PC via mini USB Cable.
- XBee-setting support software X-CTU.

Specifications:

Model Number	XBee Shield V03
Supply Voltage (V)	3.3 ~ 5
Operating Temperature (DegC)	-40 ~ +85
USB Protocol	2.0
Length (mm)	57
Width (mm)	58
Height (mm)	19
Weight (gm)	15