

USB ZigBee Adapter

ZA-ZBEE-USB-P1

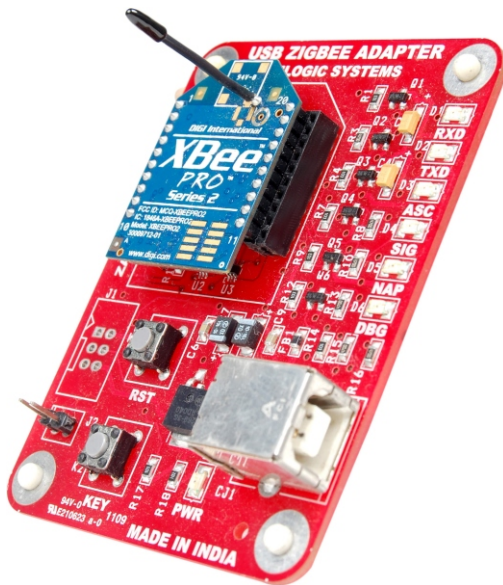
Overview

ZigBee is a low power, wireless mesh network standard, largely used in the areas of home automation, medical data collection and industrial control. The USB ZigBee Adapter connects a PC or any USB capable host to a ZigBee network.

At the core of the USB ZigBee Adapter is the XBee module from Digi, which implements the ZigBee stack. Once connected to the PC, the USB ZigBee Adapter is visible as a virtual COM port.

The user can interact with the ZigBee stack, by sending commands through the virtual COM port.

The USB Zigbee Adapter also doubles up as an XBee Module Programmer for firmware upgrades.



The board can be used for prototype development by hobbyists, engineers and students. The board is also suitable for teaching and learning wireless technology ZigBee.

Features:

- USB Powered
- Built in +3.3V regulator for XBee module
- XBee ZB and XBee-PRO ZB compatible
- LEDs for TX/RX and ZigBee state
- Debug LED and Key
- Local and remote loopback

Wireless Parameters:

Parameter	Xbee ZB	XBee-PRO ZB
Date Rate	250 Kbps	250Kbps
Indoor Range	40m	90m
Line of Sight	120m	1500m
Tx. Power	1.25mW/2mW	63mW



Ordering Information

Product Number	Description
ZA-ZBEE-USB-P1-R1A	USB ZigBee Adapter

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