

## ZigBee USB dongle

The ZigBee™ USB dongle is a high performance, low power 2.4GHz ISM band transceiver and can perform digital data exchange between the air medium and the USB port of a host computer. Based on a 805.15.4 compliant DSSS transceiver it adds wireless network capability via the ZigBee standard to any device which employs USB. The dongle is available as network coordinator, network router or sensor-sink device versions, thus enabling its integration into existing or the formation of new wireless mesh networks.

{gallery}products/ISD\_product\_info\_web/ZigBee\_dongle/pics{/gallery}

### ZigBee™ USB dongle key features

- Bidirectional data transfer between ZigBee and USB standards
- Integrated 2.4GHz, IEEE 802.15.4-compliant transceiver
- Frequency range 2405 - 2480 MHz allocated in 16 channels
- Small size (L x W x H): 50.8 x 25.3 x 13mm
- Self-powered from USB bus
- Low power consumption: 215mW typical
- 0 dBm typical output power
- -92 dBm receive sensitivity
- Special filtering for co-existence with IEEE 802.11g and Bluetooth devices

Integrated omni-directional 2.5 GHz antenna

- Compliance with Part 15 of FCC rules for radio broadcasting

- Onboard LEDs for monitoring power supply and communication activity
- 'high-power' version (Tx = 20 dBm)