

Zigbee USB Dongle Module

Model:CC2531



Description:

The CC2531 USB dongle is a complete ZigBee module. You can use the module as an IEEE802.15.4 transceiver. Or as a sniffer.

There is an 8051 CPU on the USB stick. The ZigBee USB dongle is suitable for eg zigbee2mqtt.

Thanks to the programming port, the CC2531 can be equipped with custom firmware. This can serve as a ZigBee concentrator. This allows you to create your own Gateway.

Use this to control your devices!

This dongle is ideal for use with Domoticz or Home assistant.

Features:

- ZigBee
- Send & Receive
- USB connected Zigbee adapter with PCB antenna.
- Limited range, ~ 30 m line of sight Requires additional hardware to flash (CC debugger and downloader cable).
- Coordinator Firmware: Zigbee 1.2 (recommended) and Zigbee 3.0
- Router Firmware: Zigbee 1.2, can be relinked by pressing the S5 button for 2 seconds.
- Flash instructions.

Specifications:

- Operating Frequency: 2.405-2.485GHz
- Wireless Transmission Speed Rate: 250Kbaud
- Power Consumption: <20mA (receiving); <25mA (transmission)
- Board Size: 4.1x1.6cm
- Module Size: 5.6*1.6*0.7cm
- Weight: 6g

Made in China