



CC2652P USB Dongle Zigbee sniffer with external antenna

Instruction Manual

Product Description

Zigbee Version 3.0

The CC2652 series wireless module is based on the SimpleLink multi-protocol 2.4 GHz wireless module independently developed by CC2652. In addition to integrating the high-performance ARM Cortex-M4F processor responsible for application logic and an ARM Cortex-M0 processor dedicated to the RF core, the module also has a very distinctive 16bit low-power sensor processing core. It has 352 KB of programmable flash memory and 80 KB of ultra-low leakage RAM (SRAM).

Zigbee2mqtt configuration

1. Find your serial port
- ls -l /dev/serial/by-id
:usb-1a86 USB Serial-if00-port0
2. config your zigbee2mqtt
- sudo nano /opt/zigbee2mqtt/data/configuration.yaml
homeassistant: true
permit_join: true
mqtt:
base_topic: zigbee2mqtt
server: 'mqtt://localhost:1883'
serial:
port: /dev/serial/by-id/usb-1a86_USB_Serial-if00-port0
disable_led: false
advanced:
log_level: info
Optional: ZigBee pan ID (default: 0x1a62)
pan_id: 0x1a62
Optional: ZigBee channel, changing requires re-pairing of all devices.
Default: 11
(Note: use a ZLL channel: 11, 15, 20, or 25 to avoid Problems)
channel: 11
3. then restart your zigbee2mqtt
4. enjoy! 😊

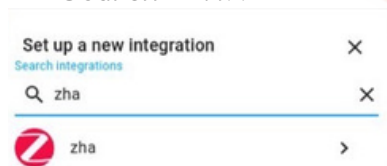
Troubleshoot

If got this messages : Error: Error while opening serialport 'Error: Error: Permission denied, cannot open /dev/serial/by-id/usb-1a86_USB_Serial-if00-port0'

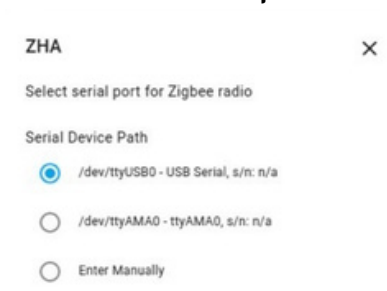
Try this: sudo chown <YOUR USER> /dev/ttyUSB0

ZHA configuration

1. Search "ZHA"



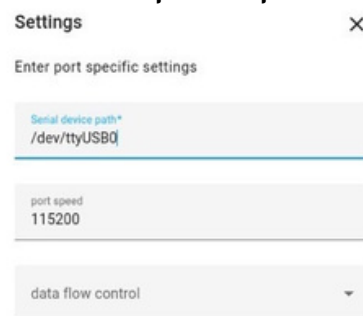
2. Select Serial port



3. Pick type of zigbee



4. Enter specific port



5. Create configuration of zigbee



6. Finished!

