Zigbee2MQTT Dongle

User manual
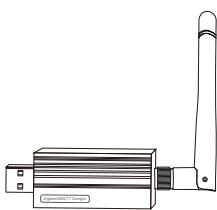
Technical Specifications：

Wireless Communication Frequency：	2.4GHz~2.48GHz
Supported Protocols：	Thread、Zigbee 3.0、Bluetooth 5.2 LE
PORT config：	/dev/ttyUSB0
ESD protection：	Yes
Applicable systems：	Home Assistant-ZHA、Home Assistant-Zigbee2Mqtt、OpenHAB
Communication Distance：	400M(Without obstruction)
Signal strength (dbm)：	18.6(Instrument testing)
Antenna gain (dbi)：	0
Maximum supported device number：	128

Usage Instructions：

1.Open the package, connect the antenna to the USB port, and then insert it into a Computer / Raspberry Pi / HomeAssistant Green etc.

2.Enter the corresponding system configuration (Home Assistant/OpenHAB) product port (port: /dev/ttyUSB0).

*For detailed configuration procedures, please refer to the guidance documents of the corresponding system.

3.After configuration is completed, the device can be connected and used.

Supported protocols：

*Of course, you can also extend the network range by using it as a router through re-flashing the firmware.
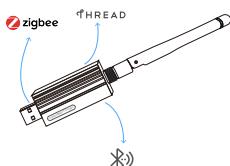
Scan the QR code to learn about the connection between this product and HomeAssistant.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/ TV technician for help.
To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).
This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.