Smart USB Dongle Manual

Introduction

Appreciate that you purchase smart USB Dongle gateway FED87F3-TTHW (Hereinafter referred to as the gateway).

Smart USB dongle gateway is easy to carry and simple to operate control interface, thus avoiding several setting problems. Based on latest HA protocol, this product can be wirelessly connected with Zigbee Light Link lights and HA protocol socket to provide strong wireless control.

01

Product Details
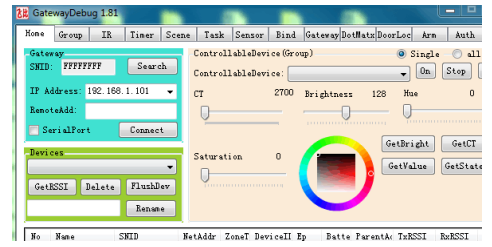

The Front side of the product

02

Specification

Working Voltage and Power: DC 5V 200mA
Rated Power: 0.5W
Frequency: 2405M~2480MHZ
Protocol:zigbee HA
Accessible Communicate Distance: 200m
Accessible Networking Distance: 100m
Receiving Sensibility: -97dBm
Maximum transmit power: 20dBm
Working Temperature Range: -25℃~+70℃
Maximum Transmitted Power: 20dBm
Dimension: Diameter 30.99mm, High 13.17mm

03

Operation

1. Connect the gateway to the computer with a data cable.
2. Open the ZLL Test software (Software, please consult with sales or after - sales personnel), find the device, select the correct serial number, click on the link;
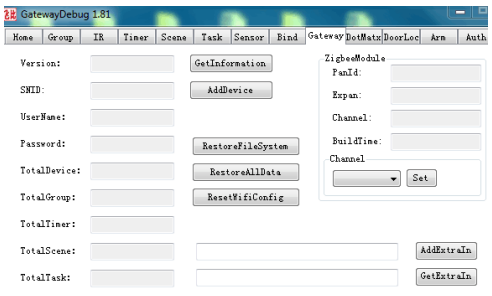

04

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3. Allow devices joining the network
● In the gateway information column, click "Get gateway information" to get the gateway version and so on, click "Allow network", allow other devices to join the gateway
● Press the button on the gateway to enter the key S1, you will see the green light began to flash 1min to allow the device network.

4.Indicator status:

Indicator	Gateway status
Green light long bright	Charge gateway
When the red light is flashing, the green light is on	In addition to the network of other operations
green light flashing 1min	Allow devices joining the network
Red light long bright	Gateway resets all data

05

5. Gateway to restore the factory settings: Click "reset all data" can be cleared in the gateway device (sensor equipment to wake up), the channel will be set to 19 channels.

06

Announcement

1. The product communicates wireless, please don't put the antenna in the metal box to prevent the signal form shielding.
2. The temperature environment range is between -25 ℃ and +70 ℃, the humidity environment: 95% RH maximum;
3. Avoid chemical or flammable gas, saturate salt mist , long time high-humidity and other abnormal environment.

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Warranty

This product is under maintenance for free in one year, except the damage by improper use.
The following situations are beyond the scope of free warranty.
1. Taken apart and maintained by unauthorized maintenance center.
2. Damage by flood,fire,thundering and other natural disasters.
3. Damage by extrusion,watering,dampness or other artificial damage.
4. Broken down by using the product not accord- ing to the user manual.

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State:During the use of FED87F3-TTHW, the distance from the human body can be 5mm.
Feeral Communication Commission (FCC) Radiation Exposure Statement
This device 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.
NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.
USB Dongle(Model No:FED87F3-TTHW)has been evaluated to meet general RF exposure requirement, USB Dongle(Model

No:FED87F3-TTHW) can be used in portable exposure condition

without restriction.