

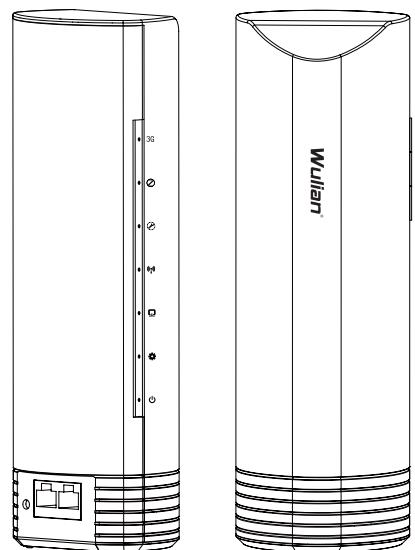


Gateway

WL-ZGWMDPB-G110-02

Quick Guide

Please read the manual carefully and keep it properly before using the product.



Federal Communications Commission (FCC) Compliance

Notice:

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.

Federal Communications Commission (FCC) Compliance

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

Federal Communications Commission (FCC) Radiation

Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm during normal operation.

Preface

The copyright of this manual belongs to Nanjing IOT Sensor Technology Co., Ltd., pirated reserved.

Wulian is the registered trademark of Nanjing IOT Sensor Technology Co., Ltd.

The reproductions of the content of the manual, in whole or in part, are strictly prohibited without the written consent from Nanjing IOT Sensor Technology Co., Ltd. The using of the trademark above is also forbidden.

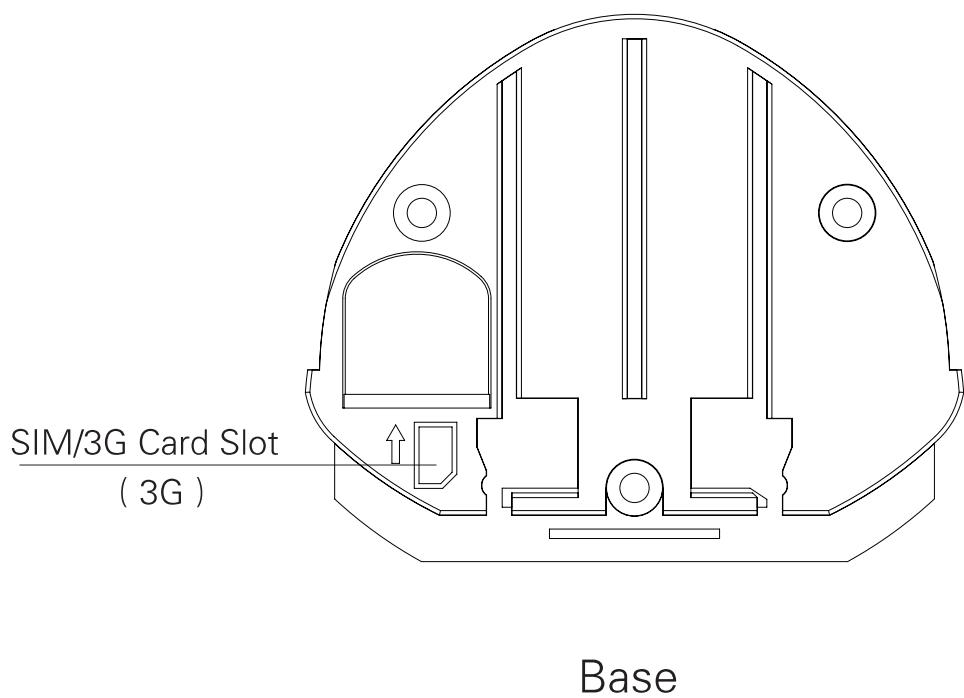
Nanjing IOT Sensor Technology Co., Ltd. 2014

Publication Number: 2014-A113.V2

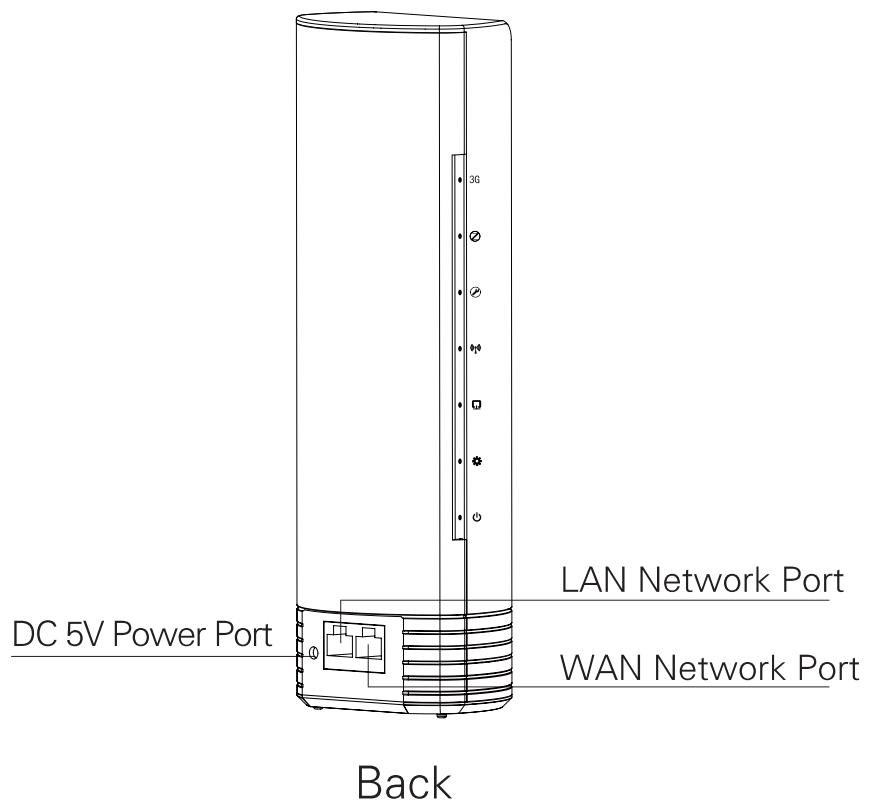
Product Features

- Support new technology SmartRoom
- Saving and running settings by special software
- Simple structure, easy to use
- New appearance design, depend on intelligent access,
more secure

Function Graph



Functions



Functions

3G Network Indicator Light

ZigBee Network Indicator Light

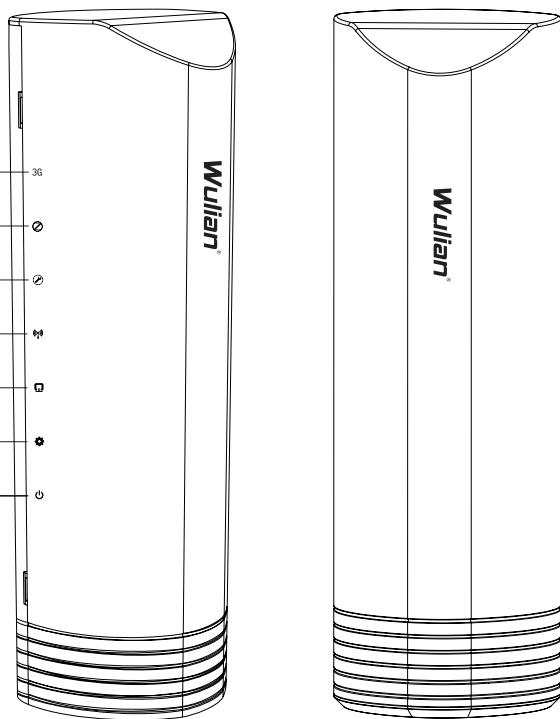
ZigBee Network Setting Indicator Light

WiFi Indicator Light

Ethernet Indicator Light

System Indicator Light

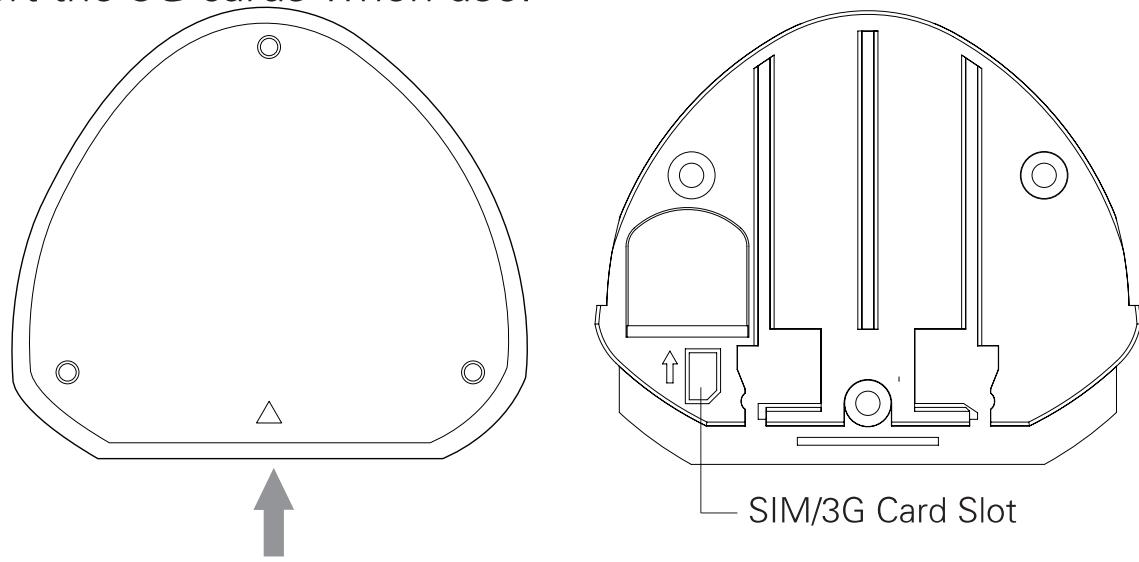
Power Indicator Light



Side

Installation Illustration

It can be placed on platform for use. When using 3G card, please push the bottom cover plate away in the direction of the arrow, insert the 3G cards when use.



Push the bottom cover plate away

Notes: this function is for 3G version

Internet settings

Connect WiFi

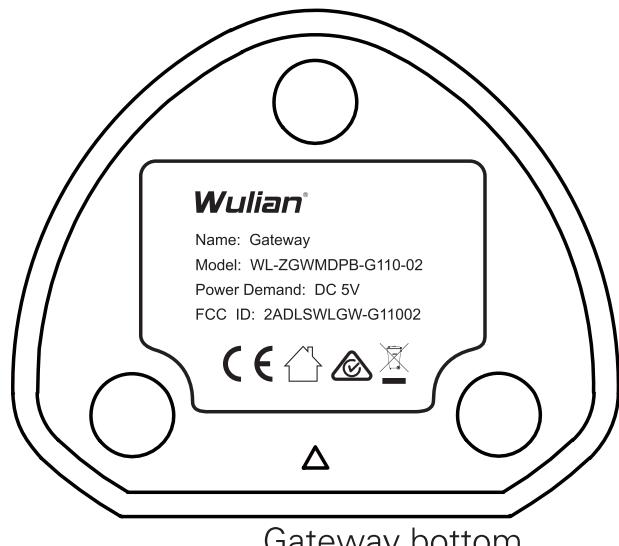
Open the equipment with WiFi function (For example: smart phone, pad, notebook computer, etc.), and search WiFi network of this product. Choose WiFi signal of the name for "Wulian_XXXXXX" (X for last six numbers of this products ID) to connect. (initial password: 12345678).

Notes: For security, please modify the initial password in time.

Internet settings



Network Name



Gateway bottom

Network setting

Open a browser by wifi, the website is 192.168.188.1. Then user can enter the gateway management background. After login, user can have Ethernet setting, WiFi setting, and 3G setting.



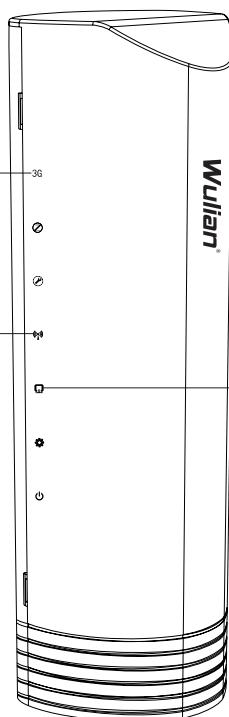
Network setting

3G Network Light

(3G network set up correctly, 3G Indicator Light flashes slowly at ordinary state, flashes rapidly in the data flow.)

Wifi Indicator Light

(Wifi set up correctly, WIFI Indicator Light flashes rapidly in the data flow)



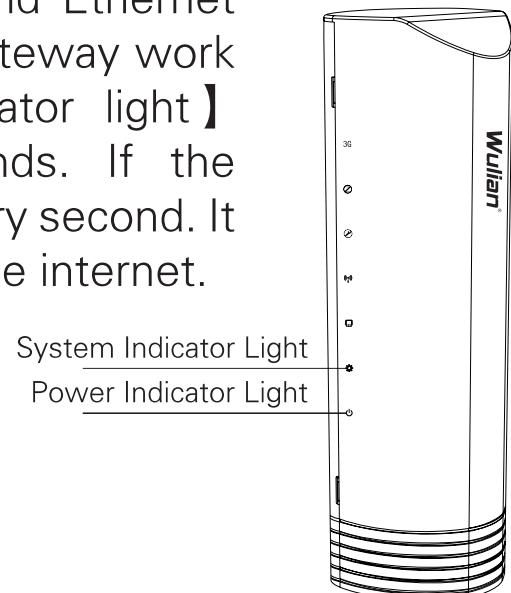
Ethernet Indicator Light

(Ethernet set up correctly, Ethernet Indicator Light flashes rapidly in the data flow)

Side

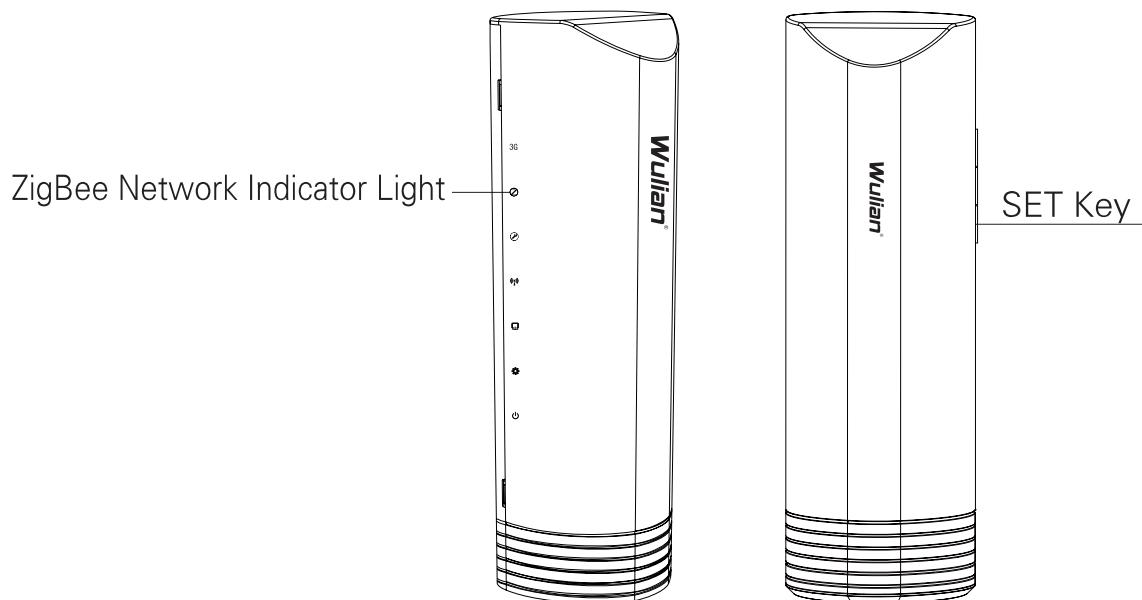
Zigbee Network Connection Setup

1. Power on, 【 Power indicator light 】 is constant on, it means that power is working normally; Network cable connection is right and Ethernet configuration is right too, after the gateway work (about 50 seconds), 【 System Indicator light 】 turn on one time every 2 seconds. If the 【 System Indicator light 】 turn on every second. It means gateway can not connect to the internet.



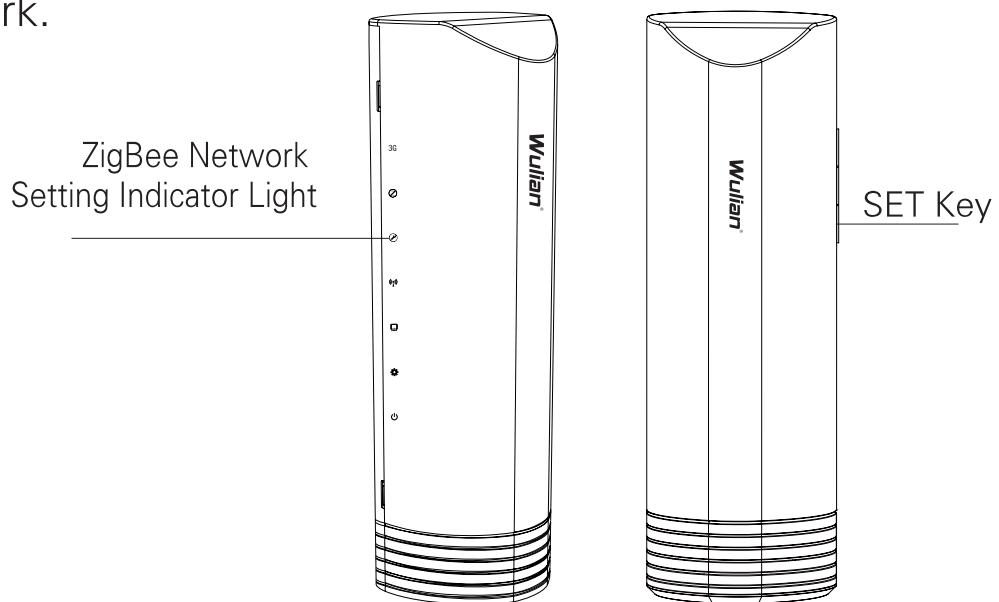
Network Connection Setup

2. It can build network after the gateway start working completely, quickly click the 【SET Key】six times, and then the 【Zigbee Network Indicator】shine quickly. After the 【Zigbee Network Indicator】turn on once every second, it means the Zigbee network can work normally.



Network Connection Setup

3. Quickly click SET Key four times, ZigBee Network Indicator Light is constant on, it means other devices are allowed to join the network; Quickly click SET Key 3 times, ZigBee Network Indicator Light goes off, it means new devices are not allowed to join the network.

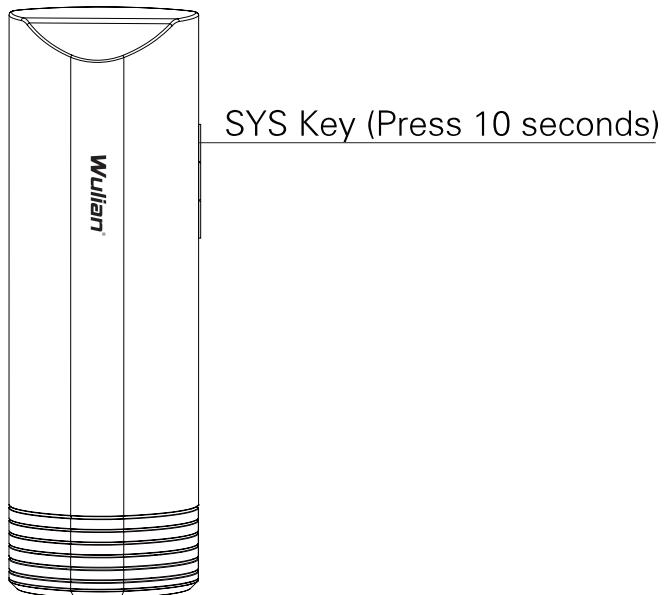


The default time is 4 minutes.

The ZigBee Network Indicator Light will go out when the time arrives.

Network Connection Setup

4. Press SYS Key 10 seconds, network restores to factory setting. ZigBee network will not be influenced.



Software Download

Method One: Scan QR Code



For Android



For iOS



For Software Manual

Software Download

Method Two:

1. iPhone and iPad users can log into “APP Store” and search “wulian” or select “” for downloading;

2. Android users can search “wulian” in ‘Google Play ’,

- select “” for downloading;

Method Three: Users can also directly download from our official website: <http://www.wulian.cc/service.shtml>

Notes: if it is first time to use it, please read the software user manual carefully and download the newest version.

Product Standard

Name	Gateway
Model	WG-ZGWMDPB-G110-02
Communication Mode	IEEE802.15.4 (ZigBee/SmartRoom)
Communication Distance	1000m (Visible)
Wired network access	Ethernet Interface
Wireless network access	WiFi
3G network mode	/
Transmit power	Max 20 dBm
Reception sensitivity	-90 dBm
Power Demand	DC 5V
Working Temperature	-10°C~+45°C

Series models

WL-ZGWMDPB-G110-xx	WL-ZGWMDPW-G110-02
WL-ZGWMDPW-G110-xx	
(xx denotes 80~99)	

Building No. 11, Software Valley, No. 15, Fengji Avenue, Yuhuatai District,
Nanjing. (Zip code: 210039)

Service Hotline: 400-928-9228
www.wulian.cc