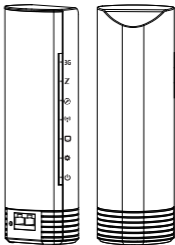


# Wulian®

## Smart Gateway (LAN, AP)

WL-ZGWMDPB-G110-04

User Manual



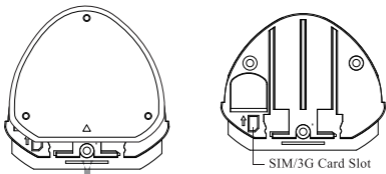


## Features

- Support IEEE 802.15.4 (ZigBee/SmartRoom) protocol.
- The gateway adopts standard Ethernet Port to connect smart home system to the LAN or the Internet and realize safe and reliable wireless communication data transmission.
- It supports various types of IEC standard power adapters and can be applied to more than 150 countries and regions.
- Through Smart Home App, user can easily control many devices based on ZigBee protocol.
- Users can customize scene to realize linkage with several devices.
- Exquisite design, fit to all decoration styles.
- Made of high shock-resistance and heat-resistance material, sturdy and durable.

## Installation Illustration (3G Version)

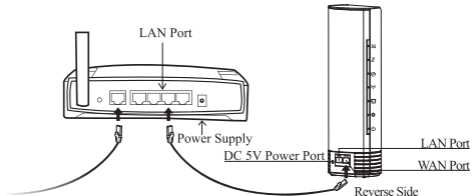
First place this product on a flat surface, and push the cover at the bottom in the direction of the arrow as shown in the diagram below. Then it can be used after inserting a 3G card.



Open the cover at the bottom  
by pushing and insert a 3G card

## Internet Setting

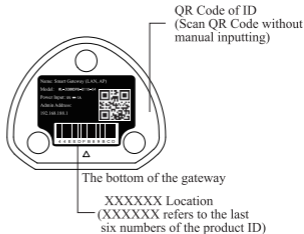
Connect the network cable to WAN Port of this product. As Ethernet Indicator flashes, the Ethernet is connected to the network successfully.



1. Open the smart devices (smart phone, tablet, laptop, etc.) to search the WiFi network. And choose “GW\_XXXXXX” (X refers to the last six numbers of the product ID) to connect to the Internet (default wiring automatically).

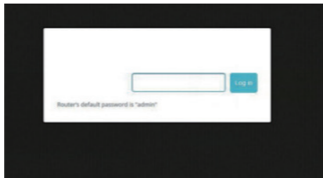


Network List

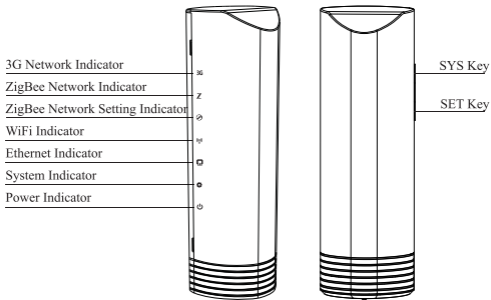


2. Open the browser of the device which has been connected to WiFi. Input “192.168.188.1” in the address bar to enter management background of gateway. After login, users can set Ethernet, WiFi and 3G network respectively. (For specific setting, please refer to user manual for background.)

Login screen is as following:



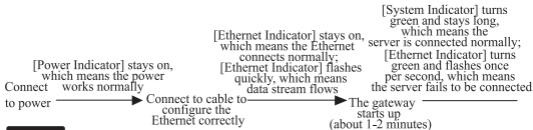
## Network Setting





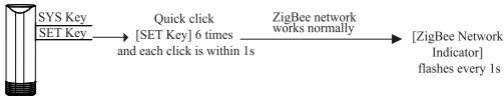
### Step One:

Connect to the Server



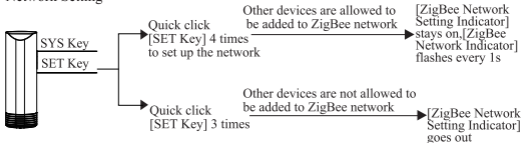
### Step Two:

Set up the ZigBee network for the first time



### Step Three:

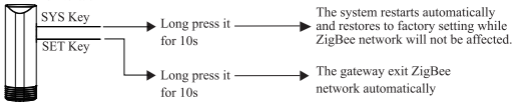
#### Network Setting



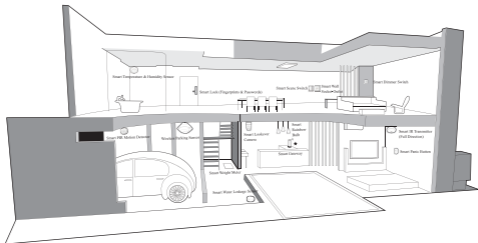
Note: Default time for allowing new devices to add to ZigBee network is 4 minutes, and then the [ZigBee Network Setting Indicator] goes out when the time runs out.

### Step Four:

#### Exit the Network



# Smart Home System Configuration



## Cautions

1. For first use, open App client to log in gateway. Users can input gateway ID or scan QR code (both at bottom of product). Original password is the last six number of ID (Please modify the password in time).
2. Keep this product away from interference source, for example, washing machine, microwave oven, refrigerator, router, etc., or its working sensitivity and performance may be affected.
3. To make the gateway obtain the best communication range, please put the product in the open position, avoiding placing it in the area surrounded by three sides of metal.
4. Please put the product on the table or ventilated surface, instead of placing it on the carpet or other soft material, so as not to affect the ventilation and heat dissipation.

5. This product should be installed in dry and clean place to prevent inner component from dampness or other debris.
6. When the product surface is stained with dust, please clean it by dry cloth; It is forbidden to clean it by corrosive cleaning fluid or chemical solvent.
7. Please come to qualified agents or customer service for specific installation.
8. Please do not disassemble or refit this product or its accessories.
9. If the product breaks down, please send it to local service center for repair or contact our customer service staff. Non-professionals cannot handle it personally.

## Electrical Parameter

Communication Protocol	IEEE 802.15.4 (ZigBee/SmartRoom), IEEE 802.11 b/g/n
Antenna Type	Dual-Internal Antenna
Power Parameter	DC 5V 1A AC/DC Adapter, DC 5V 2A AC/DC Adapter (with 3G)
Overall Power Consumption	$\leq 3.5W$ (without 3G), $\leq 7.5W$ (with 3G)
Cable Access Mode	10/100M Adaptive Ethernet WAN port 10/100M Adaptive Ethernet LAN port
Wireless Access Mode	WiFi, 3G (WCDMA)
Communication Distance	500m (Visible)
Working Frequency	IEEE 802.15.4 2405 ~ 2480MHz IEEE 802.11 b/g/n 2412 ~ 2472MHz
Transmission Speed	IEEE 802.15.4 Max. 250Kbps IEEE 802.11 b/g/n Max.150Mbps
ROM Type and Capacity	SPI FLASH 16MB
Memory Type and Capacity	DDR2 64MB

## Structure Parameter

Overall Size (L*W*H)	74.5x68.5x227 (mm)
Material & Color	PC+ABS, Black
Flame Retardant Rating	UL94 V-2
Working Temperature	-10°C~+45°C
Working Humidity	≤95%RH (Noncondensing)
Installation Method	Mobile
Net Weight (g)	465g
Storage Temperature	-20°C~+60°C

