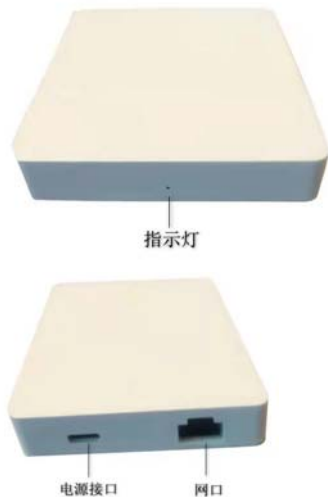## 产品概述

感谢您购买智能家居网关 （以下简称网关）

智能家居网关是一款易安装型的网关，其简单易操作的控制界面，可以免除各种设置带来的麻烦，该设备可与 ZigBee Light Link 协议的灯、ZigBee HA 协议的插座以及 ZigBee 3.0 协议的设备等产品进行无线接入等

指示灯及接口说明

➢ 指示灯说明：

1、红灯：网关已接通电源；
2、白灯：网关正在启动

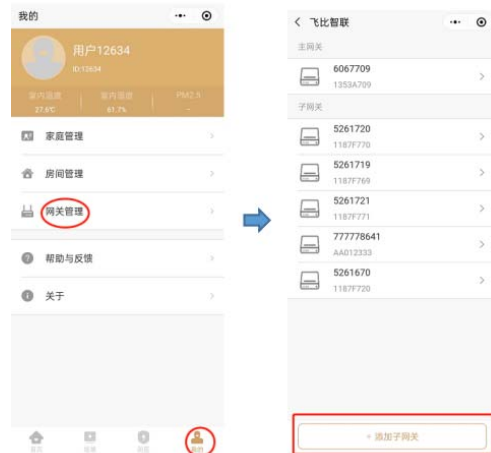3、蓝灯：网关已连接到路由器局域网，此时可进行本地操作；

4、绿灯：网关已通过路由器连接到广域网，此时可进行远程操作；

操作说明

➢ 按键及接口说明：

1、REST 键：位置位于网关底部

2、网口：外网接口，可用网线将路由

3、电源接口：Type-c 接口，5V, 1A

操作说明

1、有网线连接：将网关连接 5V 电源，用网线将网关的 LAN 口和路由器的 LAN 口相连，网关指示灯变成绿色，用户在微信中搜索"飞比智联"小程序注册登陆，扫描网关背面的二维码进行网关绑定。

2、绑定网关：在微信小程序上登录账号后，进入"首页"—>"添加"—>按小程序操作指引绑定网关。

3、添加子设备：当看到网关指示灯由白灯变为蓝色或绿色，按下允许入网键或通小程序触发网关允许入网，指示灯在红、蓝、绿、紫、青 5 种颜色中交替闪烁，代表允许其他设备加入 ZigBee 网络，此时对其它设备执行入网操作，设备将自动加入 ZigBee 网络。

4、添加子网关：我的—>网关管理—>添加子网关。

5、**恢复出厂设置**：在网关上电的情况下，长按网关底部的 RESET 键 5 秒以上，此时网关指示灯白灯快闪，网关中的设备全部被清空,网关重置完成。

注意事项

1、本产品有配套电源适配器，严禁使用其他规格电源适配器，以防造成电路板损坏；

2、本产品为无线通讯设备，请平放置距地面 0.5m 左右处，请勿放置在金属盒内工作，以防信号被屏蔽；

3、周围环境温度范围为－25℃至+70℃；

4、避免在化学或可燃气体，饱和盐雾，长时间高度潮湿或其他异常环境下使用；

5、应安装在无显著摇动，无冲击振动和没有雨雪

侵袭的地方，且介质中无足以腐蚀金属和破坏绝缘的气体和尘埃，更无爆炸危险；

技术参数

工作电压：　　DC 5V
额定功率：　　2W

工作频段：2405~2480MHz
通信协议标准：ZigBee 3.0

无障碍通讯距离：200m

无障碍组网距离：100m

接收灵敏度：-97dBm

最大发射功率：20dBm
工作温度：-25 -70℃

外观尺寸：75mm*75mm*17mm

保修说明

本公司产品实行免费保修一年（外观部件及个

人使用不当造成的损坏除外）；

以下情况恕不在免费保修范围：

1、由非授权维护中心拆解或维修过的机器；

2、由于水灾、火灾、雷击等自然灾害造成的损坏；

3、由于坠落、挤压、浸水、受潮及其他人为造成的损坏；

4、不按照产品使用说明书的额定参数（电压等）使用引起的产品故障（外壳不在保修范围内）。

Product overview

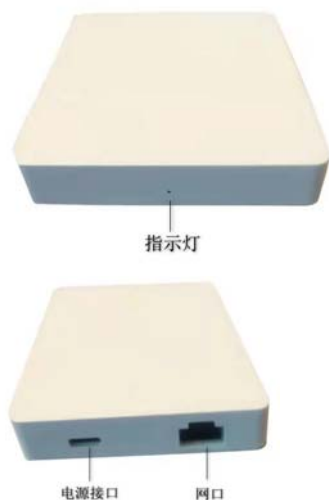Thank you for purchasing Smart Home Gateway (hereinafter referred to as Gateway)

Smart home gateway is an easy to install gateway, its simple and easy to operate control interface, can eliminate the trouble caused by various Settings, the device can be with the ZigBee Light Link protocol lamp, ZigBee HA protocol socket and ZigBee 3.0 protocol equipment and other products for wireless access.

Indicators and ports description

Indicator description:

1. Red light: the gateway is powered on;
2. White light: The gateway is starting
3. blue light: the gateway has been connected to the router LAN, at this time can perform local operations;
4, green: gateway has been connected to the WAN through the router, at this time can be remote operation;
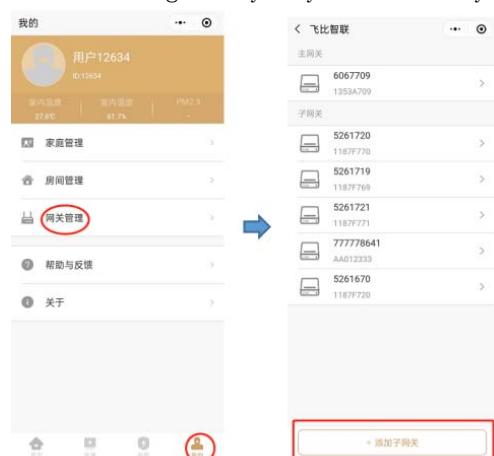
指示灯

电源接口   网口

Operation instruction:

Button and port description:
1. REST key: Located at the bottom of the gateway
2, network port: external network interface, available network cable router
3, power interface: Type-c interface, 5V,1A

Operation instruction:

1, with network cable connection: connect the gateway to 5V power supply, connect the LAN port of the gateway and the LAN port of the router with network cable, the gateway indicator turns green, the user searches for "Feibi Zhilink" small program registration and login, scan the two-dimensional code on the back of the gateway for gateway binding.
2. Bind gateway: After logging in to the account in the wechat mini program, go to "Home" - > "Add" - > Bind gateway according to the mini program operation instructions.

3. Add sub-devices: When you see that the gateway indicator turns from white to blue or green, press the Allow access key or the small program to trigger the gateway to allow access to the network, the indicator blinks alternately in five colors: red, blue, green, purple, and green, which means that other devices are allowed to join the ZigBee network. At this time, other devices are allowed to join the network, and the devices will automatically join the ZigBee network.
4. Add sub-gateway: My - > Gateway Management - > Add Sub- gateway.

5. Restore factory Settings: When the gateway is powered on, press and hold the RESET key at the bottom of the gateway for more than 5 seconds. At this time,

the white indicator of the gateway blinks quickly, and all devices in the gateway are cleared.

Cautions:

1, this product has a matching power adapter, it is strictly prohibited to use other specifications of the power adapter, to prevent damage to the circuit board;

2. This product is a wireless communication device, please place it flat about 0.5m away from the ground, do not place it in a metal box to prevent the signal from being shielded;

3, the ambient temperature range is -25℃ to +70℃

4, avoid use in chemical or combustible gas, saturated salt spray, long-term high humidity or other abnormal environment;

5, should be installed in no significant shaking, no impact vibration and no rain and snow invasion of the place, and the medium is not enough to corrode metal and destroy insulation gas and dust, more no explosion risk;

Technical parameter:
Operating voltage: DC 5V
Rated power: 2W

Operating frequency band: 2405~2480MHz
Communication protocol standard: ZigBee 3.0

Barrier-free communication distance: 200m

Barrier-free networking distance: 100m

Receiving sensitivity: -97dBm

Maximum transmit power: 20dBm
Operating temperature: -25-70 ℃

Appearance size: 75mm*75mm*17mm

Warranty description
The company's products are guaranteed free of charge for one year (except for damage caused by improper use of exterior parts and personal use)
The following conditions are not covered by the free warranty:

1. Machines disassembled or repaired by unauthorized maintenance centers;

2. Damage caused by flood, fire, lightning and other natural disasters;

3. Damage caused by falling, squeezing, soaking, moisture and others;

4, not according to the rated parameters of the product instruction manual (voltage, etc.) caused by product failure (shell is not within the scope of warranty).

Warning:
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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: 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.
NOTE: This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter

RF Exposure Statement
To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter