Product Name	**Smart Hub Zigbee Gateway**
Product SKU	**GAOTek-ZB-183**
Product URL	**https://gaotek.com/product/gaotek-smart-hub-zigbee-gateway/**

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Summary

The smart gateway downlink communicates with various Zigbee detectors through the Zigbee protocol and accesses the external communication network through the Wi-Fi protocol in the uplink to realize the conversion function of Zigbee and Wi-Fi protocols. At the same time, multiple detectors can be connected to reduce the cost of network construction, which has become an indispensable key point for Zigbee network deployment. It can be applied to various smart home, smart shopping mall, smart toilet, smart bus, medical monitoring and other application scenarios. An example of product appearance is shown in Figure 1.

Features

1. Desktop installation method.
2. Zigbee + Wi-Fi dual communication.
3. Intelligent linkage, remote control.
4. Can bring 32 weak current detectors, or 35 strong current detectors plus 10
5. weak current detectors.
6. Use encryption to transmit information, super security and privacy protection.
7. Ultra-small appearance, simple design.

Technical parameters

Product Model：EP832	**Transmission distance：≤130m (open visual distance)**
Product number：PB0832BZ00/01/02/XX	Antenna Type：Onboard Antenna
Product size：62mm* 62 mm* 8.5 mm	LED indicator：blue*1；red*1
Working voltage：DC 5V	Installation method：3M glue or desktop placement
Working current：≤150 mA	Working temperature：-10℃～55℃
Interface capability：USB Type-C (DC 5V) interface*1	Working humidity：≤95%(non-condensing)
Communication method：Zigbee 2.4GHz+WiFi	
Physical Properties：	

Radio frequency characteristics :	
Radio frequency : 2.4GHZ	Network standard : Zigbee3.0 standard

Installation Notes

1. Select the appropriate installation location;

2. Place on a suitable desktop or a small flat space.

3. The function keys and power socket on the product, as shown in Figure 2
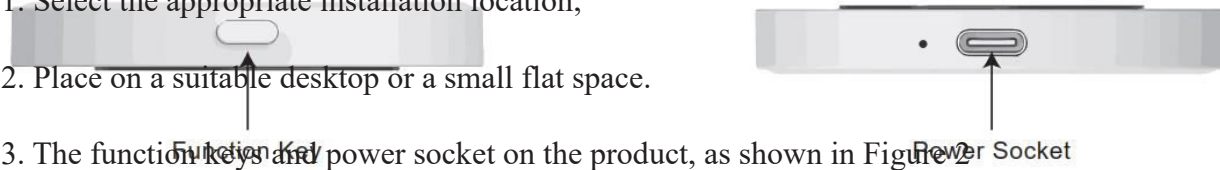
Function Key   Power Socket

figure 2

Operating settings

1. Preparation for use:

Download and open the APP, search for "Tuya" in the app store, and download the APP. After the installation is complete, register, log in, and use.

2. Network settings:

Connect the gateway to the power supply;

Confirm that the distribution network indicator (red light) is flashing (if the indicator is in other states, press and hold the "function key" until the red-light flashes);

Make sure that the mobile phone is connected to the 2.4 GHz band router at home, and the mobile phone and the gateway are in the same local area network;

Open the APP homepage, click the add button "+" in the upper right corner of the page;

Click "Gateway Central Control" on the left side of the page and select the wireless gateway (Bluetooth) according to the chart.

Follow the prompts to connect the device to the network;

After the addition is successful, you can find the device in the "My Home" list;

3. Press and hold the function key for 5 seconds, the blue light and red light are always on, release the key, and the recovery is successful.