Smart Gateway

The smart gateway downlink communicates with various Zigbee detectors through the Zigbee protocol, and accesses the external communication network through the protocol in the uplink to realize the conversion function of Zigbee 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

- Desktop installation method.
- Zigbee
- Intelligent linkage, remote control.
- Can bring 32 weak current detectors, or 35 strong current detectors plus 10 weak current detectors.
- Use encryption to transmit information, super security and privacy protection.
- Ultra-small appearance, simple design.

figure 1

◉ Technical parameters

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

figure 2

◉ Operation 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 2.4GHz 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) accord ing 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.

FCC Warning Statement Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 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.

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.

RF Exposure Statement

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance of 20 cm 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.