# First, the gateway product description



Mounting screw holes

Mounting screw holes

power cable,

Speaker interface

Antenna interface

Sealing screw hole

positive

back

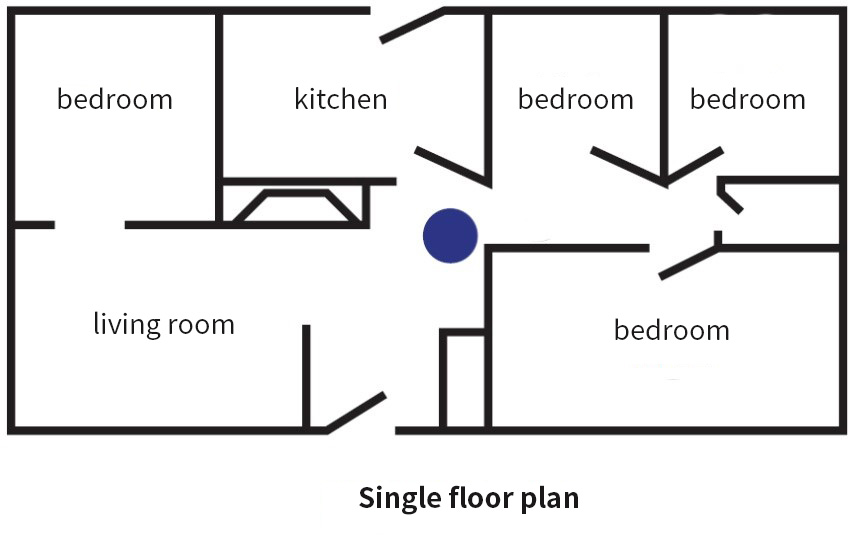
Indicator light

# Second, the gateway installation

## 1. The location where the gateway is suitable for installation

The gateway should be installed in the central area of the shelter (see Figure 1) to maximize the reception of all wireless smoke alarms. When the transmission distance between the gateway and the alarm is empty, the linear communication distance is 2 kilometers, and the actual transmission distance depends on the actual situation.

When installing on a wall, it is recommended that the gateway be at least 1.5 meters away from the ground to ensure smooth communication and avoid unnecessary damage to the gateway.



**Figure 1**

This example is a schematic diagram for home users when installing. For other users, please consult your local dealer or contact the company's customer service.

# Third, random accessories

|  |  |
| --- | --- |
| Power Adapter | 1 |
| LoRa antenna | 1 |
| Mounting screws | 3 |
| Expansion nut | 3 |
| User guide | 1 |
| Certificate | 1 |

# Fourth, technical information

|  |  |
| --- | --- |
| Product number | XA-LoRa-AP01 |
| Interface Type | LoRa |
| Communication frequency | 433MHz |
| Communication distance | 2km(empty distance) |
| Number of connections | 250 |
| Transmit power | 20dbm |
| Receiving sensitivity | -124dbm |
| Communication rate | 4800bps |
| Wireless communication | GPRS/CDMA/WCDMA/LTE可选 |
| Speaker interface | Can be connected to 2~5W speakers |
| Configuration interface | Configuration parameters can be configured through the serial port |
| working environment | -25℃～70℃，0%～95%RH |
| Operating Voltage | DC9V(DC5V～DC12V) |
| Working current | Maximum current: 2A； Average current: 100mA |
| shell | IP68 waterproof plastic case |
| size | 155mm \* 215mm \* 70mm |

# Five, product application scenarios

