Carbon Monoxide Sensor

ZigBee Version

Model: ZigBee-708

Version Number: V1.0

Product Description

Intelligent ZigBee carbon monoxide detector is designed with ZigBee networking technology and is used to detect carbon monoxide gas. The detector adopts high-performance electrochemical sensor, with sound and light alarm output. Alarm relay output, can work with electromagnetic valve. It has the characteristics of high stability and sensitivity .

The alarm information is transmitted to the user APP through the cloud, which is fast and safe.

Electrical Specifications

Working Voltage: 110~230VAC 50HZ

Standby working current: 1.5W

Alarm Volume: 85dB/1m

Alarm Output: Relay Output (NC),

Control Output: 12V Solenoid valve output

Networking : Zigbee 3.0

Button: Test Mute button/ Test button.

Alarm concentration: 30 ppm, alarm within 2 minutes

50 ppm, alarm withing 60-90 minutes

100ppm alarm within 10-40 minutes

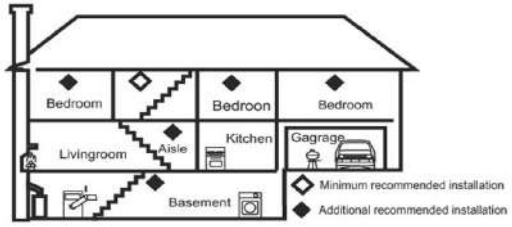
300ppm, alarm within 3 minutes

Working Temperature: -10~50°C.

Working Humidity: 10%~95% RH.

Functional Diagram

Single-storey house: in order to increase safety factor, it is recommended install one detector in each bedroom, install one detector in the place 6m away from the fire chimney and gas equipment.Multi-storey house: in order to increase the safety factor, it is recommended to install at least one detector in each bedroom, at least one detector in the basement, and one detector at the place 6m away from the fire and gas equipment.



Installation

1. Install the detector near the bedroom or living area that carbon monoxide leak might happen, confirm the alarm voice can be heard when you sleep.
2. It is better not to install the detector in the garage, kitchen and boiler room that may
3. cause false alarm. Avoid the area that are dirty, dusty or greasy environment, which will damage the sensor and make it work improperly.

Warm Prompt

1. The detector cannot detect natural gas (methane), propane, butane or other combustible gases.
2. Clean it once a month with household vacuum cleaner and soft brush.
3. Do not wipe the detector with detergent or solvent. Avoid spraying air freshener, hair spray paint or other aerosol on its accessories.
4. Pay attention to the alarm. Shut off the pipe valve immediately, open the window
5. to keep the indoor air circulation. Strengthen your fire awareness in everyday life.

Using Instruction

Note:Power on the detector and preheat for 90 seconds, then press the Reset/Test button 5 seconds to the network configuration.

After warming up, press the RESET button and the device will enter the self-test, the buzzer will sound, and the three indicator lights will flash in turn, and then press the RESET button to stop the self-test

LED status indication

status	Light	Sound	Valve Output	Relay Output
test	Yellow, green and red led flash alternatively	Yes	Yes	Yes
Preheat	Yellow led flash	No	No	No
Fault	Solid yellow led	No	No	No
Standby	Green on (In network) , Green led flash (Not Configure network)	No	No	No
Alarm	Red led flash	Yes	Yes	Yes

Preparation for use

1.Mobile phone is connected to Wi-Fi

Ensure that the product is within the effective coverage of the smart host(gateway) ZigBee network to ensure an effective connection between the product and the smart host(gateway) ZigBee network.

*Make sure the smart host has been added.

2. Download and open the App

In the App Store,search for"Smart Life" or scan the QR code on the package/manual to download and install the smart App.

If you are downloading this App for the first time,please tap the"Register" button to register your account; If you already have an account, click the "Login" button.

3.Network settings

Please confim that the battery is loaded while ensuring that the phone is connected to the network and the smart gateway has been added successfully;

Open the App and tap "Add sub-device" on the"Smart gateway" screen. Then，select "Carbon Monoxide Sens